

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059203.D
 Acq On : 12 Nov 2019 19:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 13 05:44:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	432349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	673697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	621597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	298572	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	252220	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.57	113	202892	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.08	98	776389	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.40	95	289230	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	194980	44.760	ug/l	99
3) Chloromethane	2.04	50	263750	44.542	ug/l	99
4) Vinyl Chloride	2.17	62	265816	46.302	ug/l	98
5) Bromomethane	2.53	94	158303	47.917	ug/l	100
6) Chloroethane	2.68	64	161395	47.525	ug/l	98
7) Trichlorofluoromethane	3.00	101	331345	48.253	ug/l	99
8) Diethyl Ether	3.39	74	138691	49.708	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	200055	48.320	ug/l	99
10) Methyl Iodide	3.93	142	257459	50.238	ug/l	100
11) Tert butyl alcohol	4.75	59	243821	240.724	ug/l	100
12) 1,1-Dichloroethene	3.71	96	190469	47.226	ug/l	97
13) Acrolein	3.58	56	161697	309.639	ug/l	99
14) Allyl chloride	4.29	41	355416	42.901	ug/l	93
15) Acrylonitrile	4.95	53	636190	252.389	ug/l	98
16) Acetone	3.79	43	556498	201.357	ug/l	98
17) Carbon Disulfide	4.03	76	538254	42.992	ug/l	98
18) Methyl Acetate	4.29	43	343180	52.314	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	711588	51.246	ug/l	100
20) Methylene Chloride	4.52	84	233973	48.594	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	208277	48.110	ug/l	96
22) Diisopropyl ether	5.92	45	794874	50.796	ug/l	98
23) Vinyl Acetate	5.86	43	3267392	269.414	ug/l	100
24) 1,1-Dichloroethane	5.82	63	432988	49.541	ug/l	98
25) 2-Butanone	6.81	43	868459	238.427	ug/l	100
26) 2,2-Dichloropropane	6.80	77	353697	46.281	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	250893	49.953	ug/l	99
28) Bromochloromethane	7.17	49	128319	48.800	ug/l	99
29) Tetrahydrofuran	7.18	42	582474	251.673	ug/l	99
30) Chloroform	7.35	83	416078	49.627	ug/l	100
31) Cyclohexane	7.63	56	375052	45.329	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	352809	50.052	ug/l	100
36) 1,1-Dichloropropene	7.77	75	310499	49.308	ug/l	99
37) Ethyl Acetate	6.90	43	353120	50.407	ug/l	99
38) Carbon Tetrachloride	7.75	117	308271	49.185	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	361107	49.410	ug/l	99
40) Benzene	8.02	78	946930	49.936	ug/l	99
41) Methacrylonitrile	7.18	41	503923	165.425	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	328834	50.561	ug/l	99
43) Isopropyl Acetate	8.14	43	557560	49.924	ug/l	99
44) Trichloroethene	8.82	130	232025	49.776	ug/l	98
45) 1,2-Dichloropropane	9.10	63	264290	51.312	ug/l	100
46) Dibromomethane	9.19	93	160031	49.860	ug/l	98
47) Bromodichloromethane	9.39	83	330317	51.539	ug/l	98
48) Methyl methacrylate	9.18	41	260748	52.196	ug/l	98
49) 1,4-Dioxane	9.18	88	89818	1011.714	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1774207	280.760	ug/l	99
52) Toluene	10.14	92	578357	50.886	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	378570	51.127	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	412059	51.734	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	234050	50.883	ug/l	99
56) Ethyl methacrylate	10.42	69	374289	48.832	ug/l	99
57) 1,3-Dichloropropane	10.70	76	407971	51.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	743092	290.280	ug/l	100
59) 2-Hexanone	10.74	43	1312504	270.600	ug/l	100
60) Dibromochloromethane	10.90	129	258085	53.067	ug/l	99
61) 1,2-Dibromoethane	11.00	107	239757	51.489	ug/l	100
64) Tetrachloroethene	10.62	164	202849	47.992	ug/l	97
65) Chlorobenzene	11.43	112	617262	50.940	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	233360	51.339	ug/l	99
67) Ethyl Benzene	11.51	91	1116633	51.939	ug/l	98
68) m/p-Xylenes	11.62	106	830232	103.093	ug/l	99
69) o-Xylene	11.94	106	401795	51.627	ug/l	99
70) Styrene	11.96	104	666760	54.474	ug/l	99
71) Bromoform	12.12	173	187315	52.979	ug/l	99
73) Isopropylbenzene	12.25	105	1082220	49.830	ug/l	100
74) N-amyl acetate	12.07	43	475397	51.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	368083	49.767	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	482022	70.912	ug/l #	100
77) Bromobenzene	12.52	156	264798	48.529	ug/l	99
78) n-propylbenzene	12.59	91	1274824	51.265	ug/l	100
79) 2-Chlorotoluene	12.67	91	762194	49.408	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	923844	50.201	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	128097	49.774	ug/l	99
82) 4-Chlorotoluene	12.77	91	775674	50.133	ug/l	99
83) tert-Butylbenzene	12.99	119	784314	49.351	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	927934	52.117	ug/l	99
85) sec-Butylbenzene	13.17	105	1058360	51.206	ug/l	99
86) p-Isopropyltoluene	13.29	119	961830	52.703	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	474312	50.762	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	472360	50.526	ug/l	98
89) n-Butylbenzene	13.62	91	833721	52.195	ug/l	100
90) Hexachloroethane	13.88	117	177323	48.388	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	465570	50.652	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	71845	48.690	ug/l	99

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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

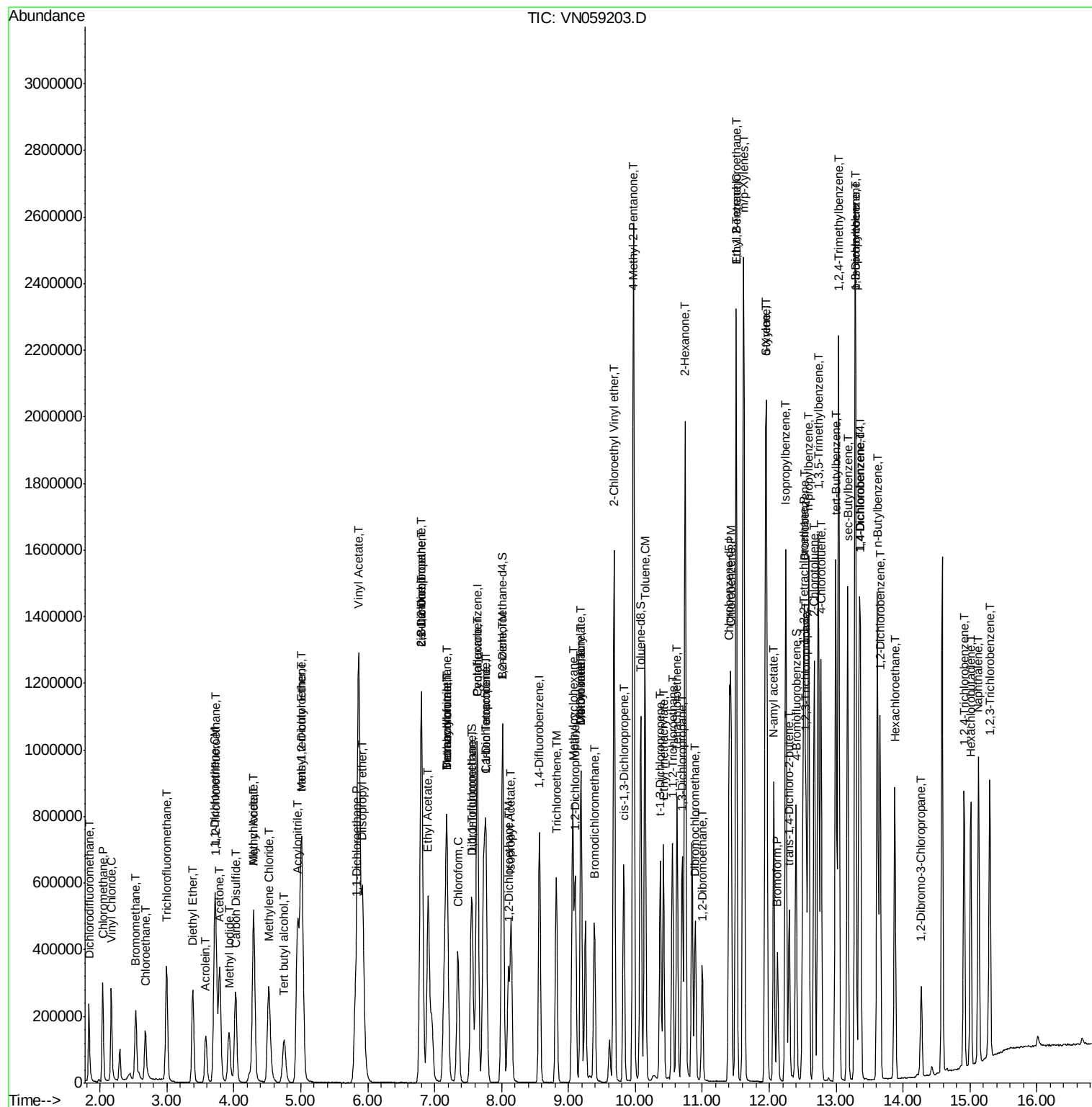
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	269983	48.509	ug/l	99
94) Hexachlorobutadiene	15.01	225	155579	49.089	ug/l	100
95) Naphthalene	15.13	128	757120	49.000	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	270645	52.541	ug/l	100

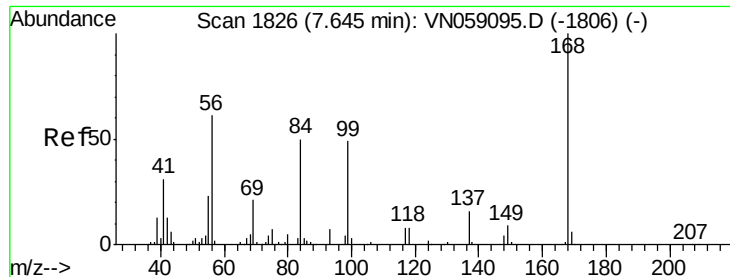
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059203.D
 Acq On : 12 Nov 2019 19:53
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

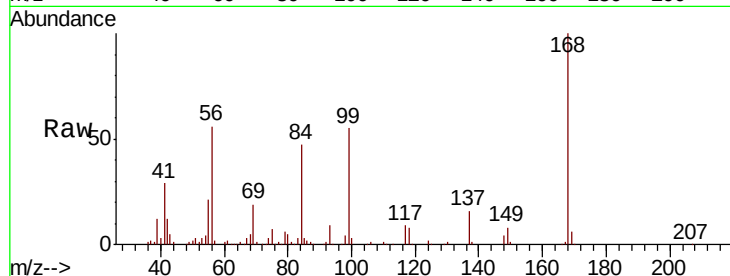
ClientSampled :

Tot Ion:168 Resp: 432349

Ion Ratio Lower Upper

168 100

99 54.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

100000

50000

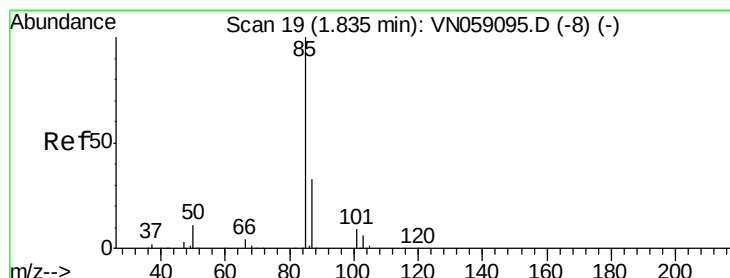
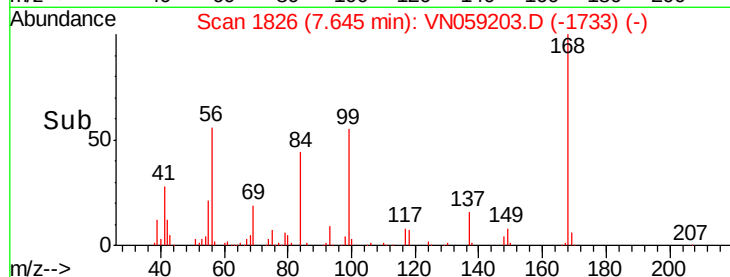
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.760 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059203.D

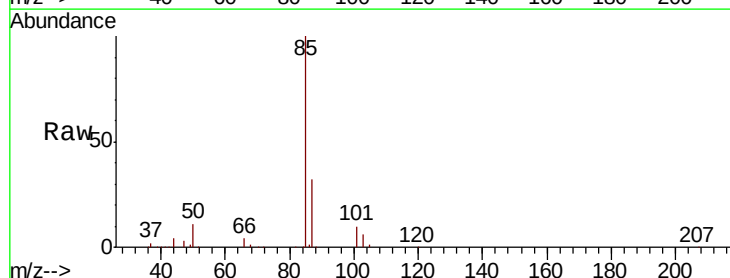
Acq: 12 Nov 2019 19:53

Tgt Ion: 85 Resp: 194980

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

100000

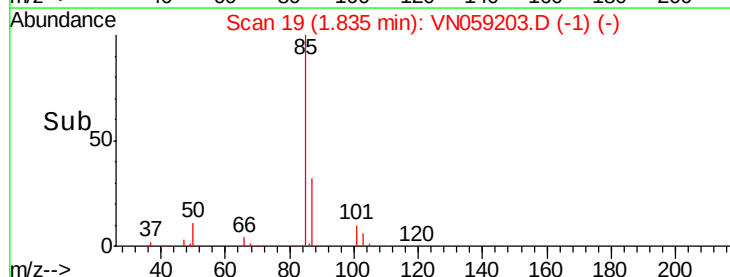
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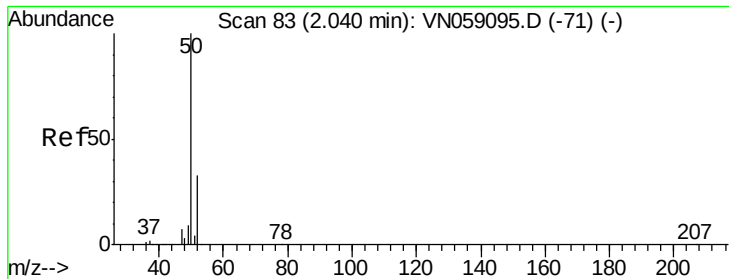
0

1.80

1.90

Time-->





#3

Chloromethane

Concen: 44.542 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

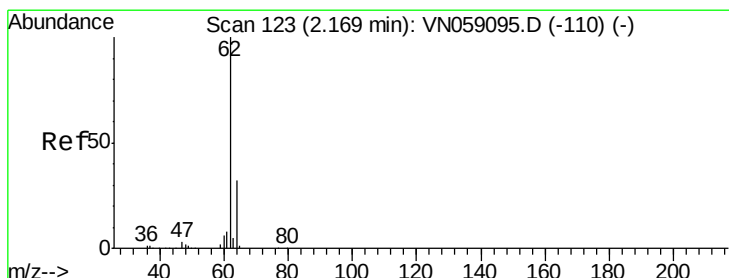
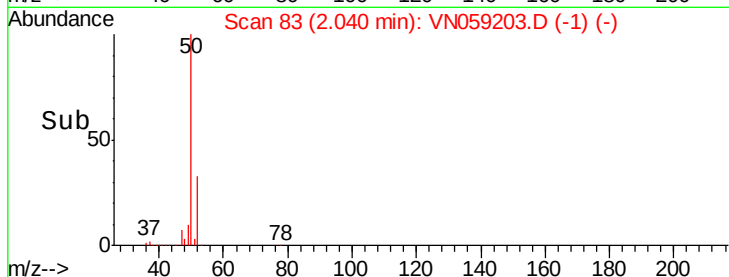
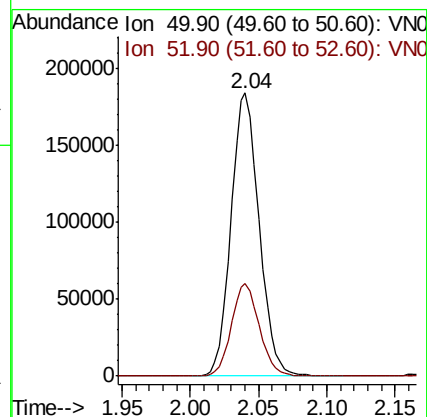
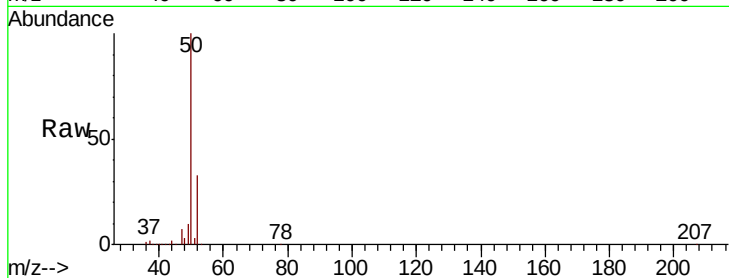
ClientSampled :

Tot Ion: 50 Resp: 263750

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 46.302 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059203.D

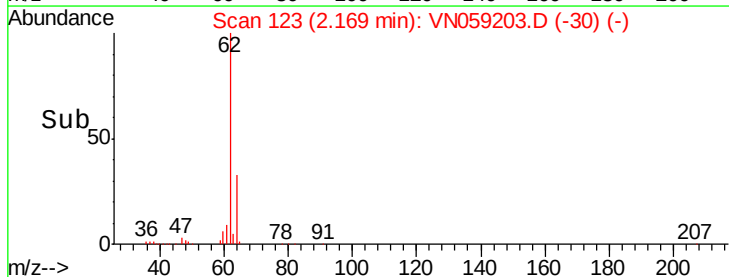
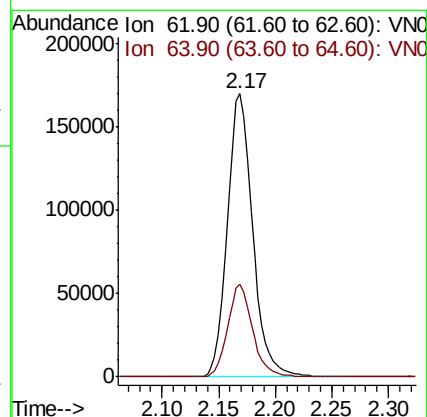
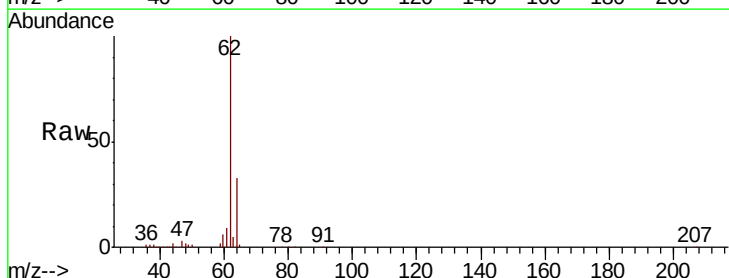
Acq: 12 Nov 2019 19:53

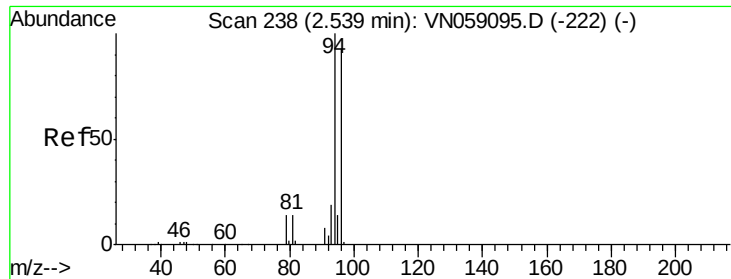
Tgt Ion: 62 Resp: 265816

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.2





#5

Bromomethane

Concen: 47.917 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

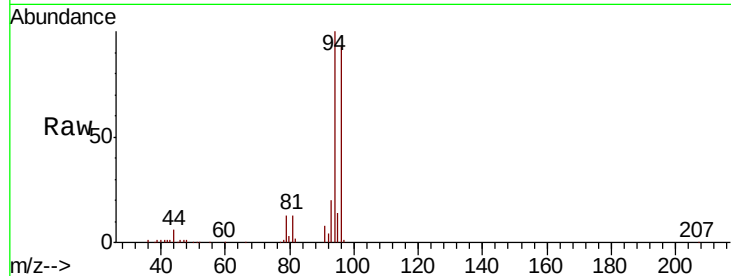
ClientSampleId :

Tot Ion: 94 Resp: 158303

Ion Ratio Lower Upper

94 100

96 92.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN059203.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059203.D (-145) (-)

2.53

80000

60000

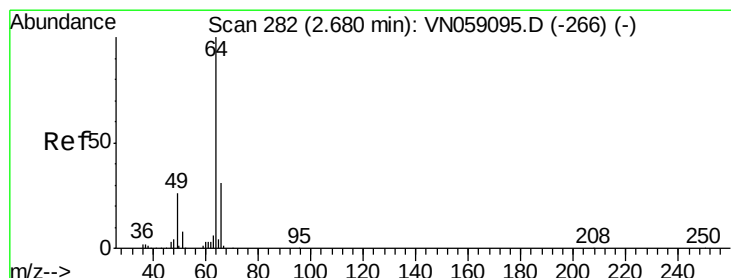
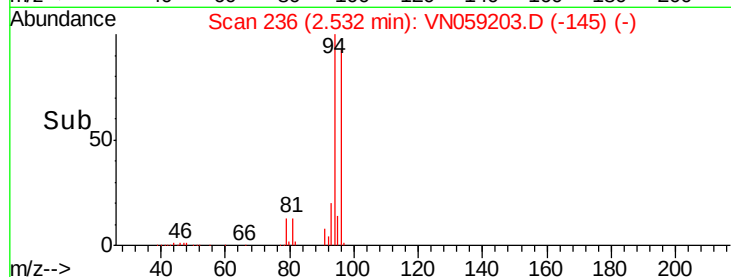
40000

20000

0

Time-->

2.40 2.50 2.60 2.70



#6

Chloroethane

Concen: 47.525 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059203.D

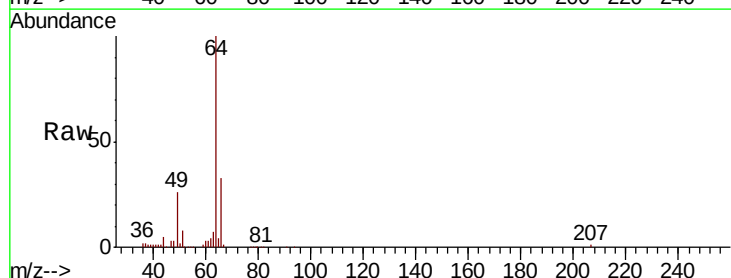
Acq: 12 Nov 2019 19:53

Tgt Ion: 64 Resp: 161395

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN059203.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059203.D (-189) (-)

2.68

80000

60000

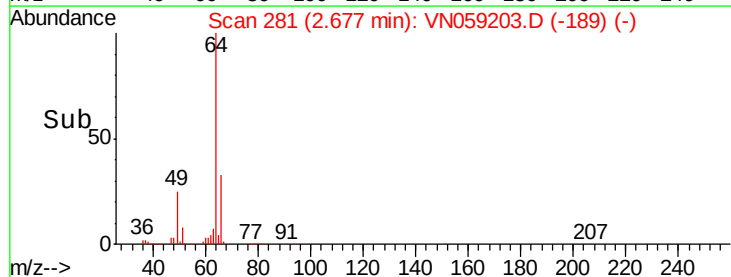
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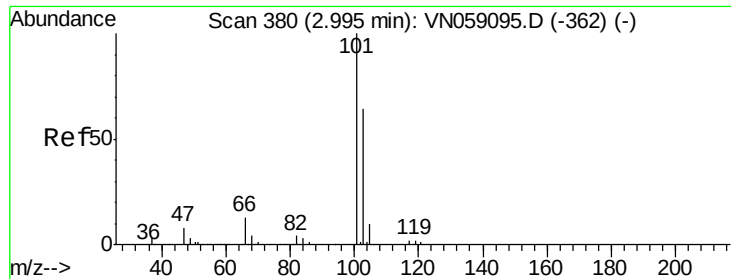
20000

0

Time-->

2.60 2.70 2.80



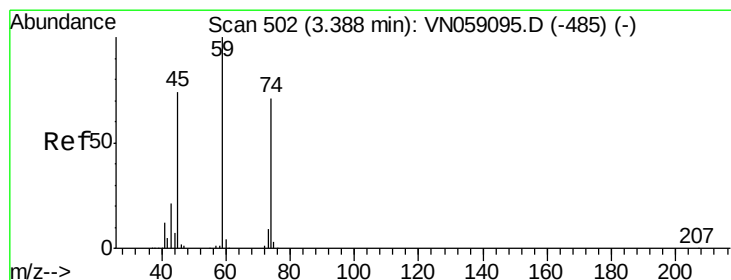
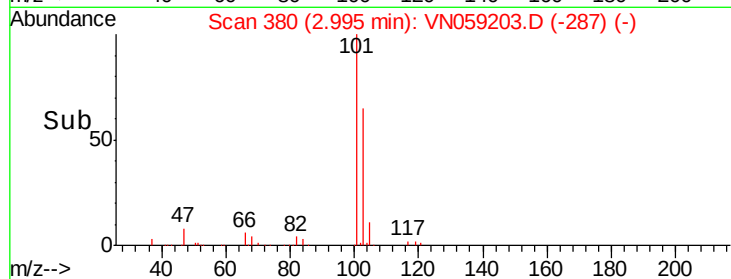
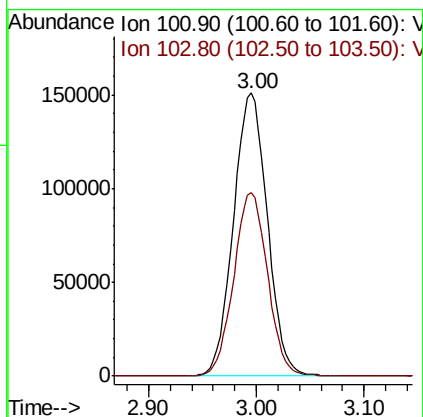
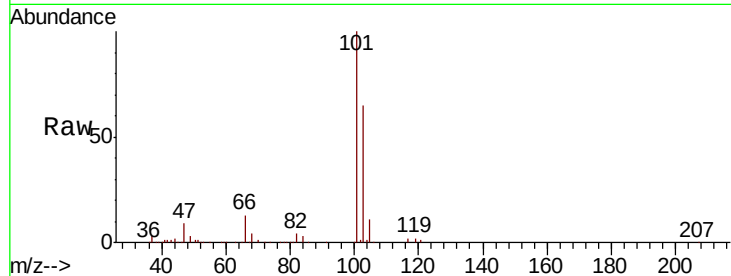


#7

Trichlorofluoromethane
Concen: 48.253 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :

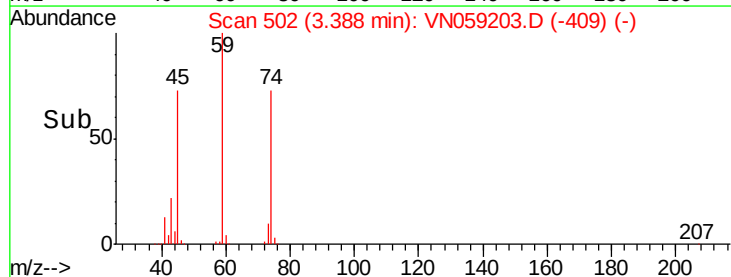
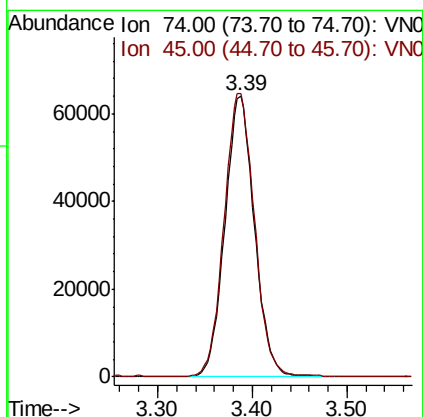
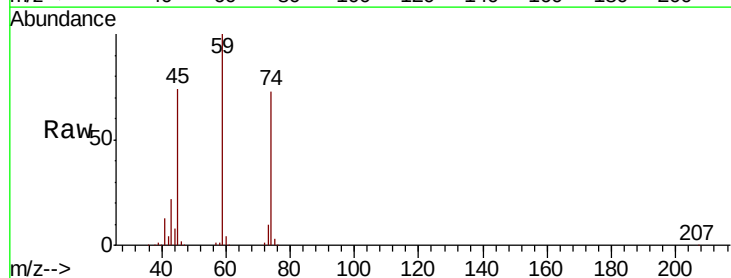
Tot Ion:101 Resp: 331345
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

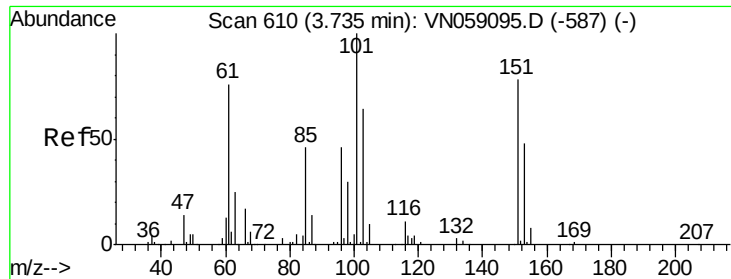


#8

Diethyl Ether
Concen: 49.708 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion: 74 Resp: 138691
Ion Ratio Lower Upper
74 100
45 103.8 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.320 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

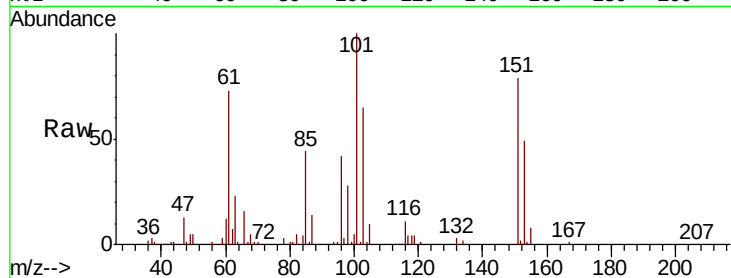
Tot Ion:101 Resp: 200055

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

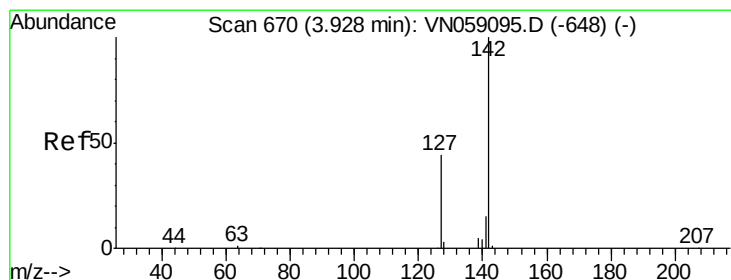
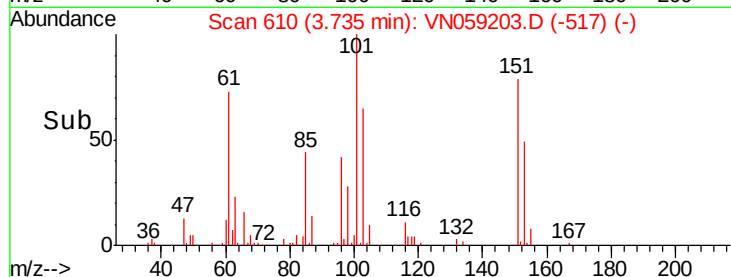
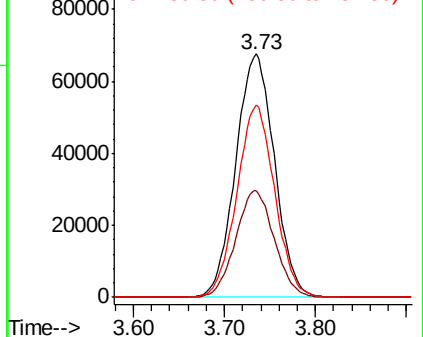
151 77.2 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.238 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

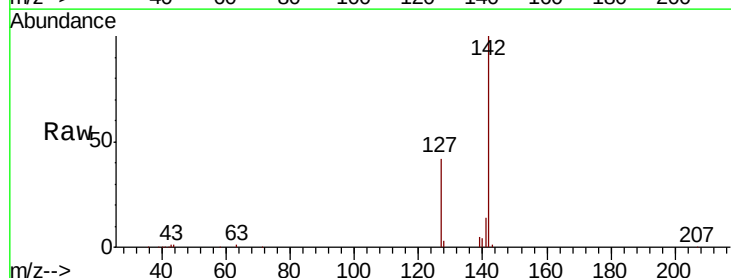
Tgt Ion:142 Resp: 257459

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.2

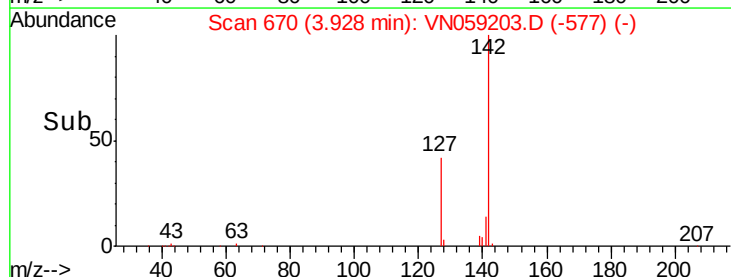
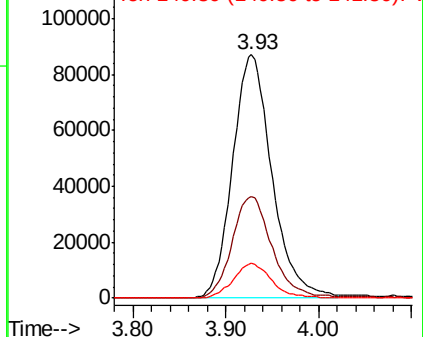
141 14.0 11.4 17.0

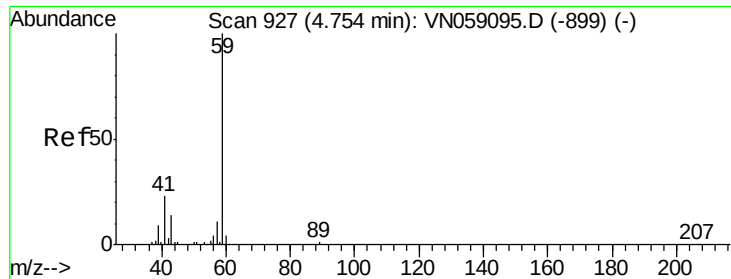


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



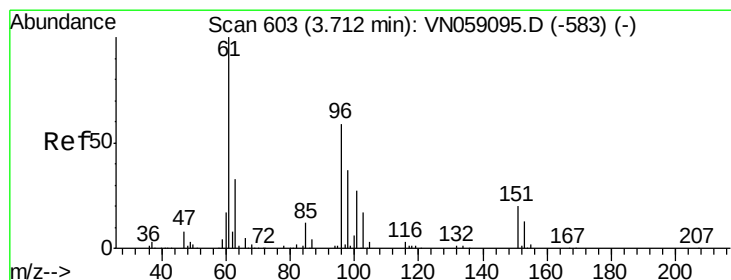
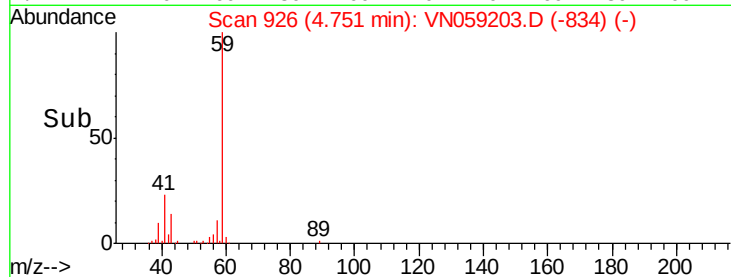
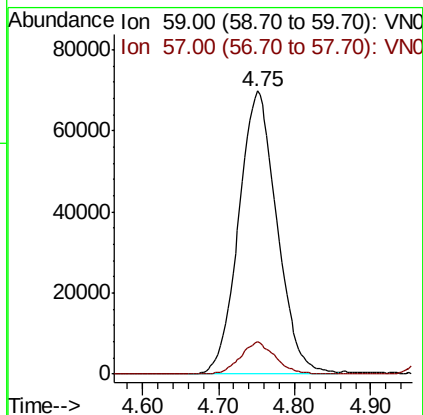
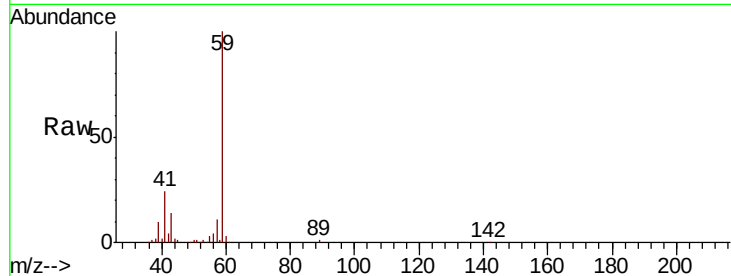


#11

Tert butyl alcohol
 Concen: 240.724 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Instrument :
 MSVOA_N
 ClientSampled :

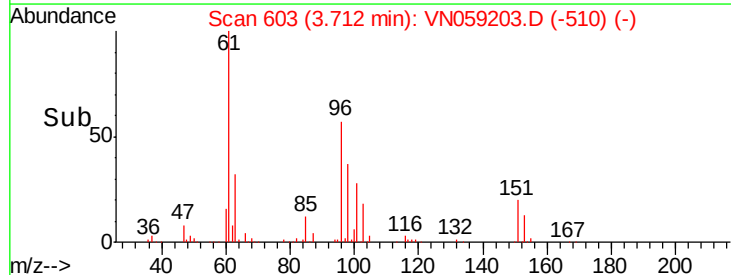
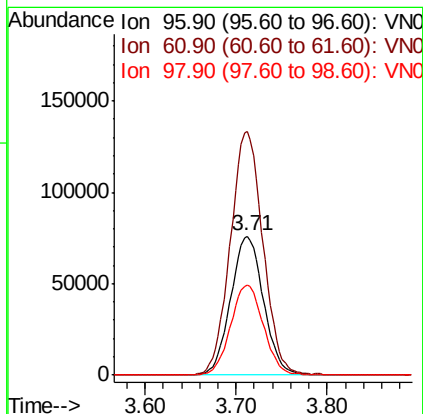
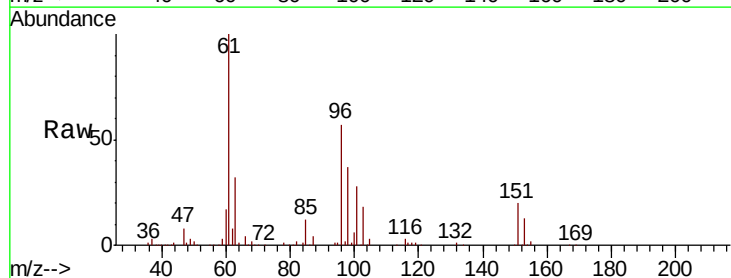
Tot Ion: 59 Resp: 243821
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

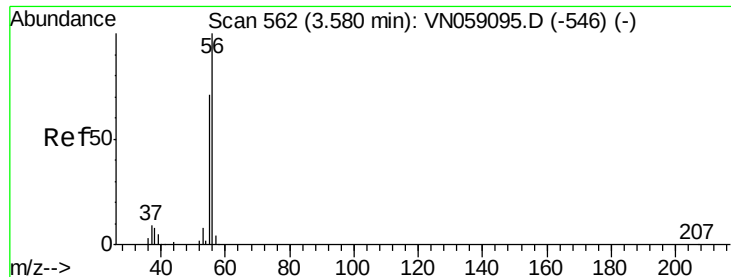


#12

1,1-Dichloroethene
 Concen: 47.226 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion: 96 Resp: 190469
 Ion Ratio Lower Upper
 96 100
 61 175.4 136.5 204.7
 98 64.9 50.2 75.4





#13

Acrolein

Concen: 309.639 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

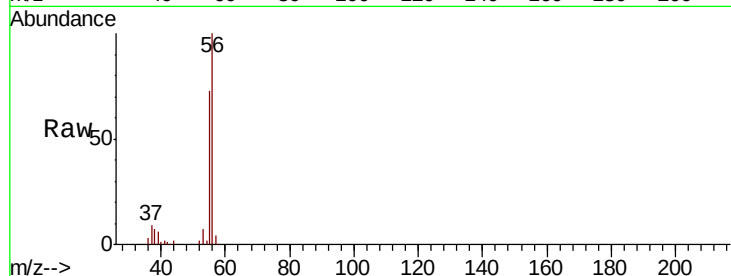
ClientSampleId :

Tot Ion: 56 Resp: 161697

Ion Ratio Lower Upper

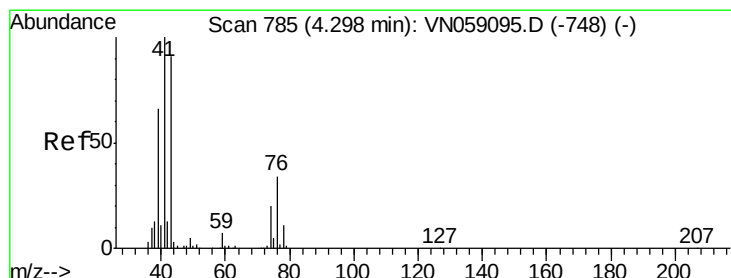
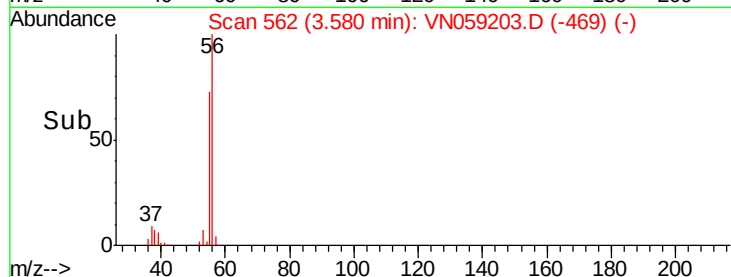
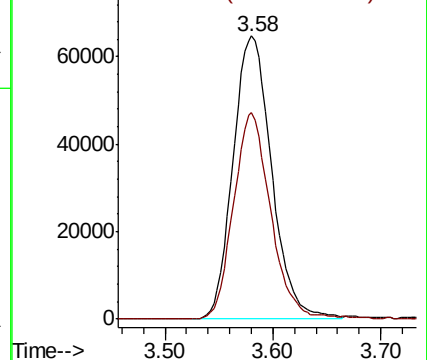
56 100

55 70.0 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 42.901 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

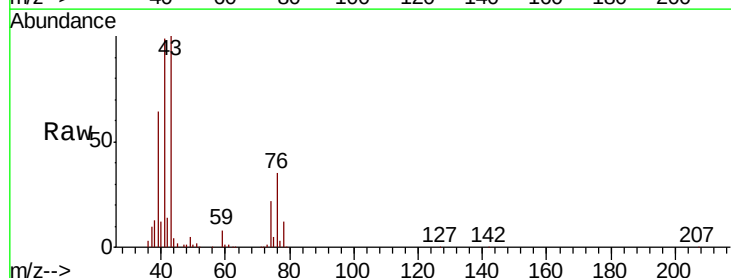
Tgt Ion: 41 Resp: 355416

Ion Ratio Lower Upper

41 100

39 66.7 49.1 73.7

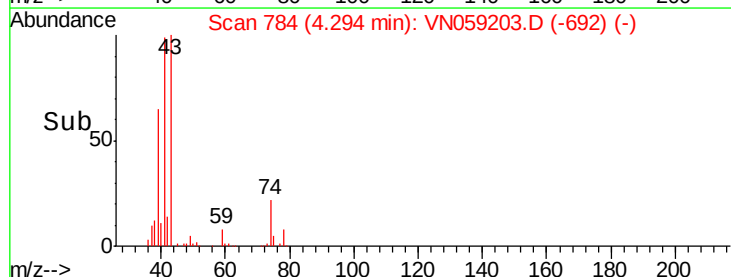
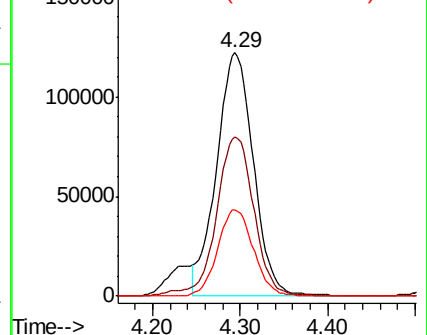
76 34.7 24.9 37.3

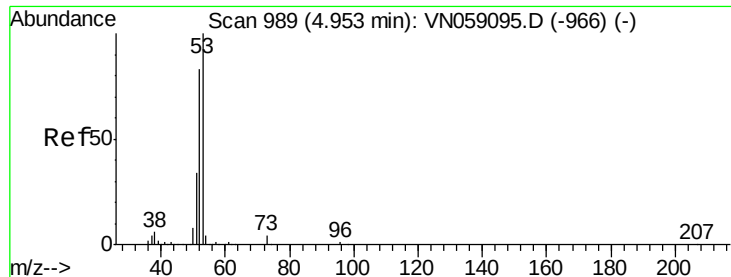


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 252.389 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

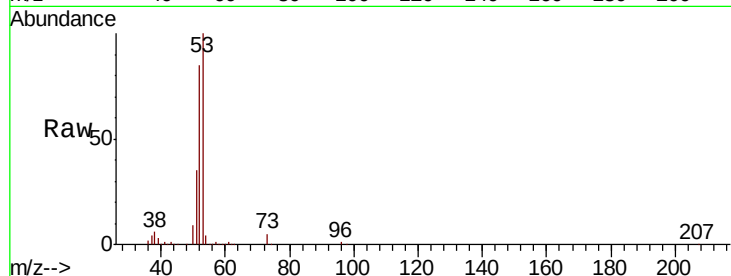
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 636190

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.0	97.6
51	35.6	28.0	42.0

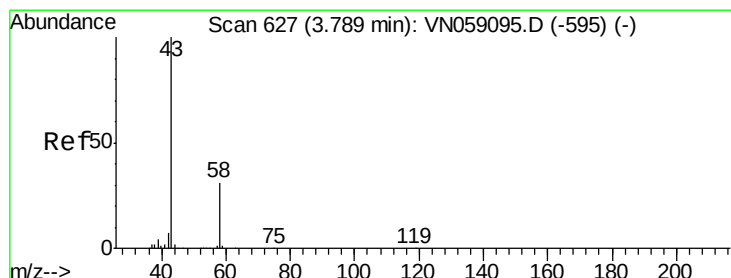
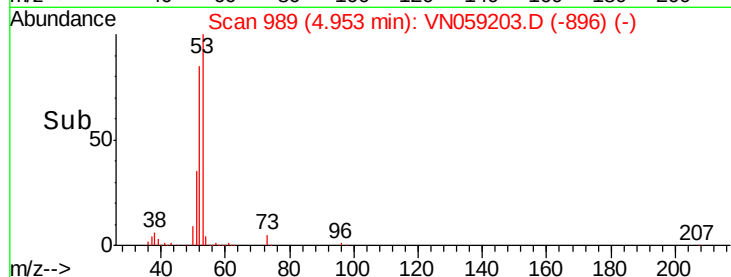
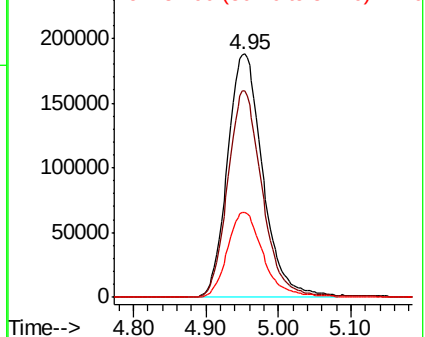


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 201.357 ug/l

RT: 3.79 min Scan# 626

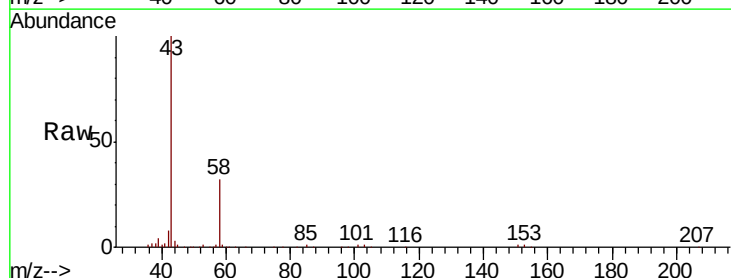
Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Tgt Ion: 43 Resp: 556498

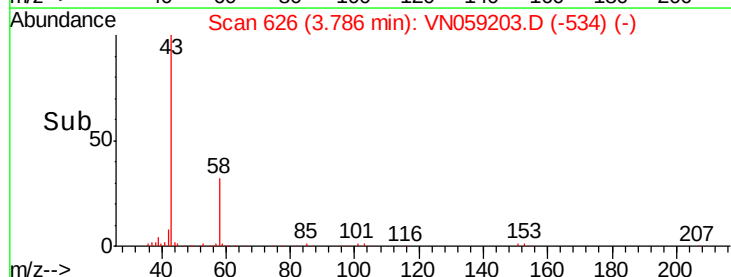
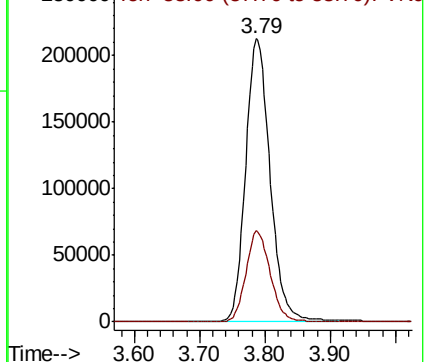
Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.9	37.3

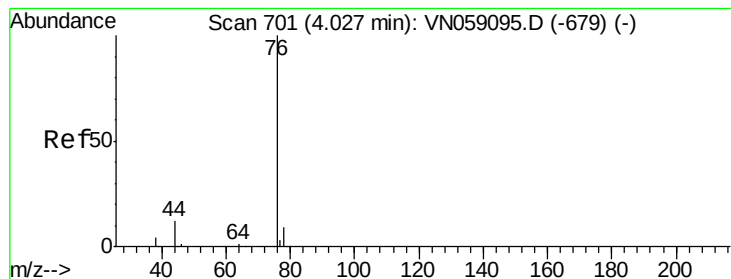


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 42.992 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

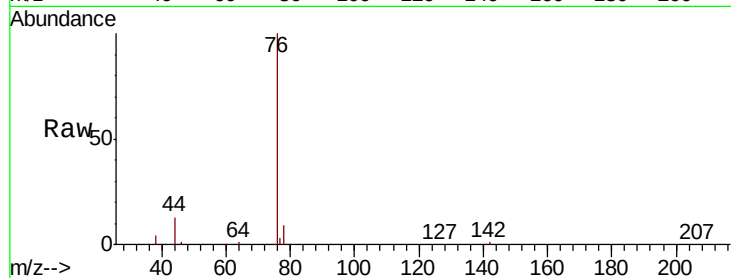
ClientSampleId :

Tot Ion: 76 Resp: 538254

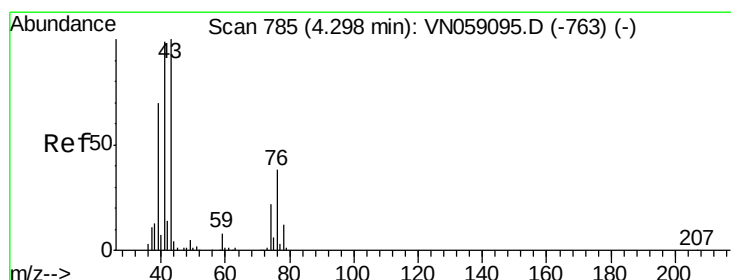
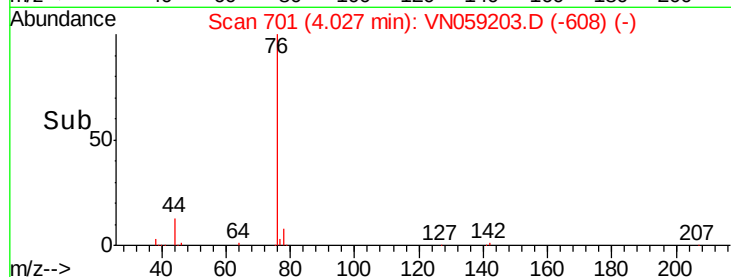
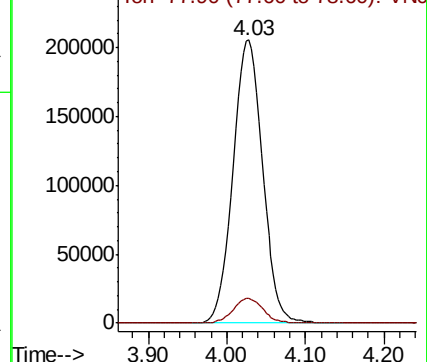
Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 52.314 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059203.D

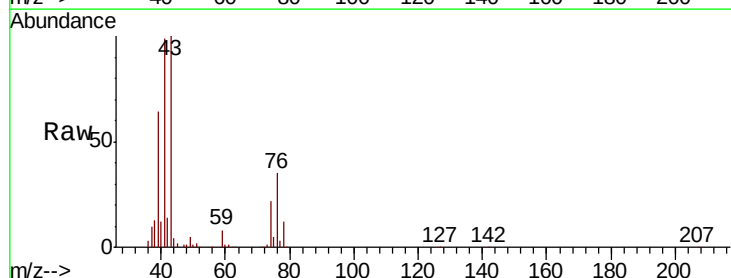
Acq: 12 Nov 2019 19:53

Tgt Ion: 43 Resp: 343180

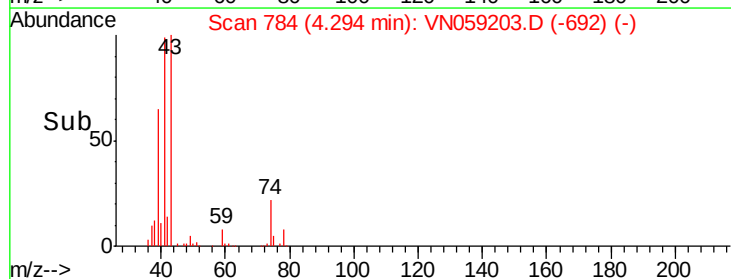
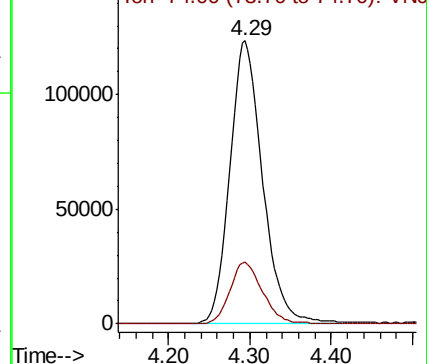
Ion Ratio Lower Upper

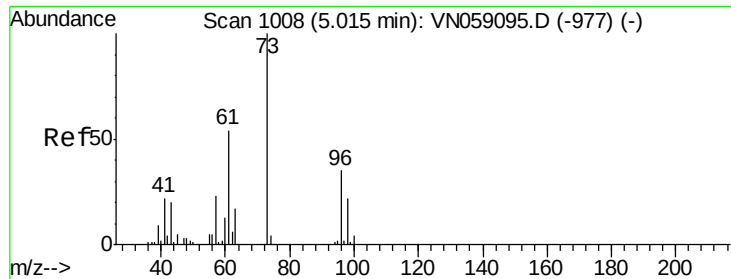
43 100

74 22.0 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

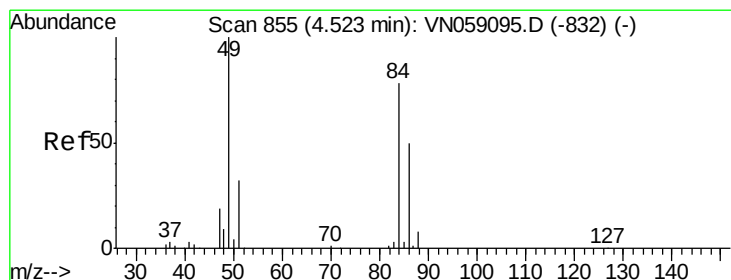
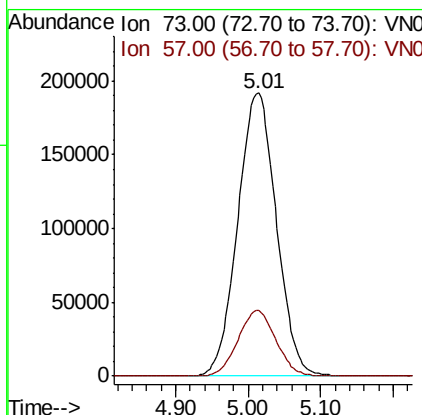
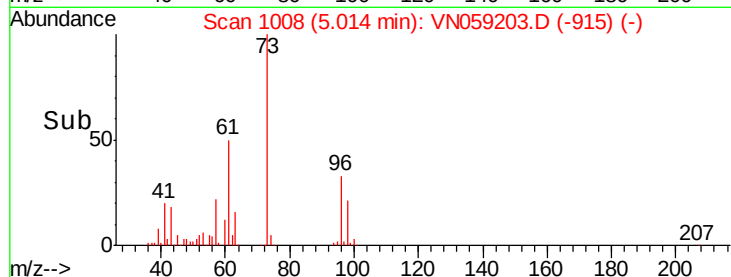
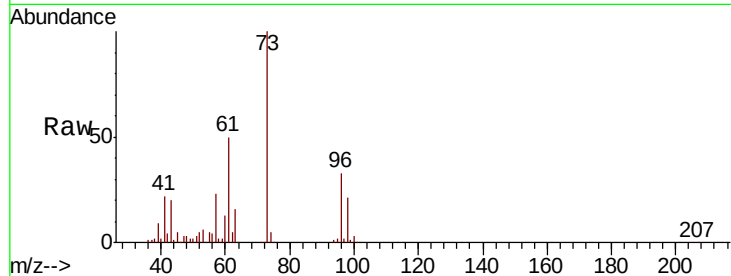




#19
Methyl tert-butyl Ether
Concen: 51.246 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

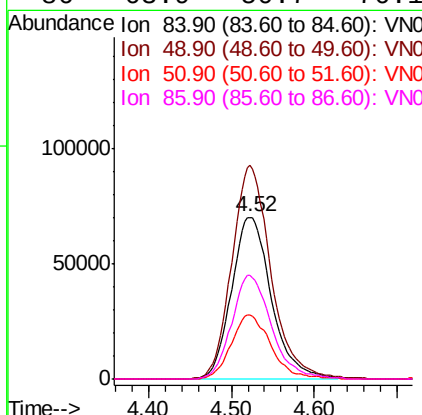
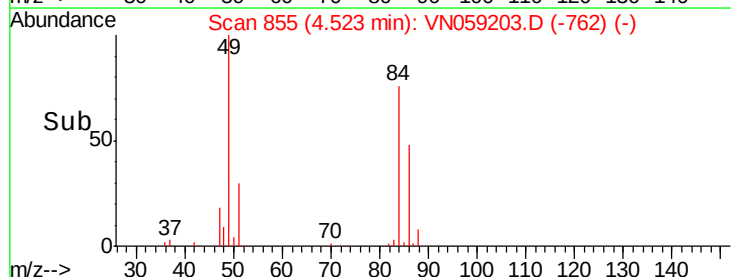
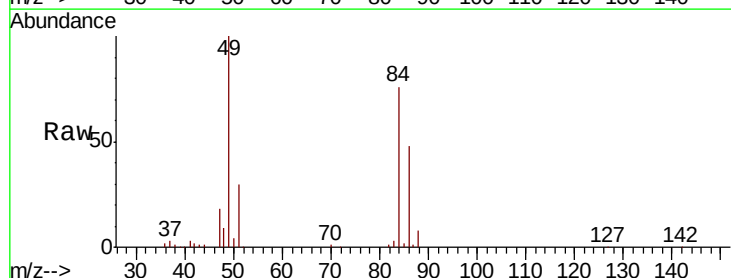
Instrument :
MSVOA_N
ClientSampled :

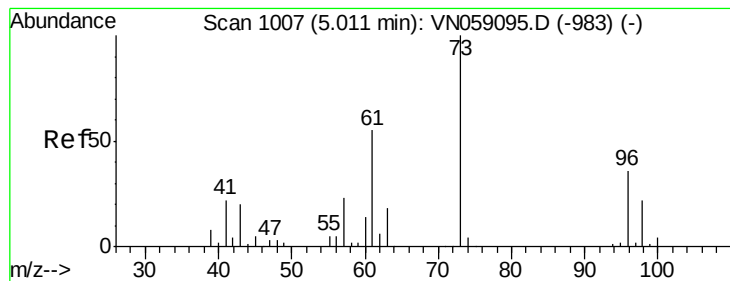
Tot Ion: 73 Resp: 711588
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6



#20
Methylene Chloride
Concen: 48.594 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion: 84 Resp: 233973
Ion Ratio Lower Upper
84 100
49 131.9 102.0 153.0
51 39.7 32.2 48.2
86 63.9 50.7 76.1



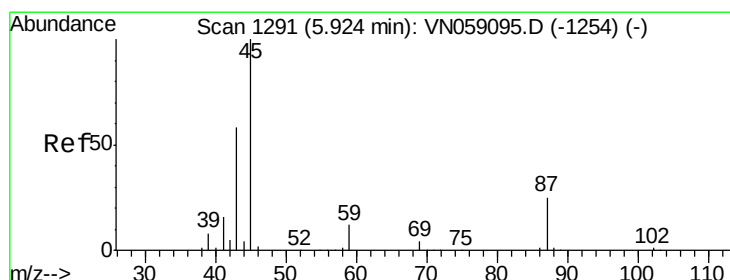
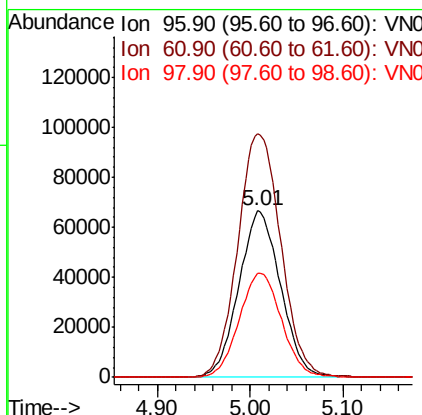
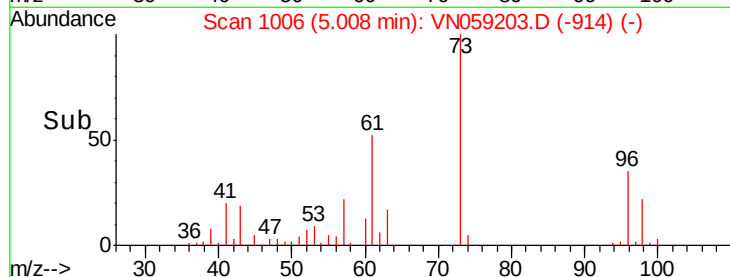
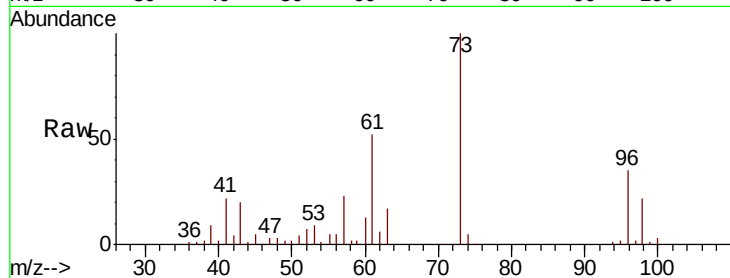


#21

trans-1,2-Dichloroethene
Concen: 48.110 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :

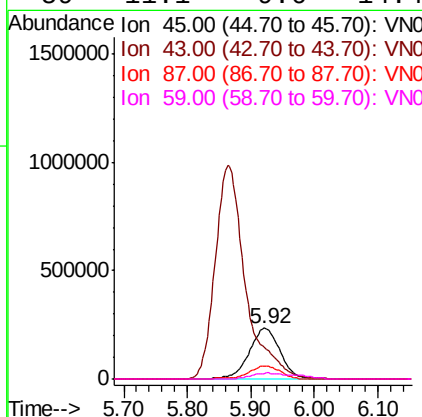
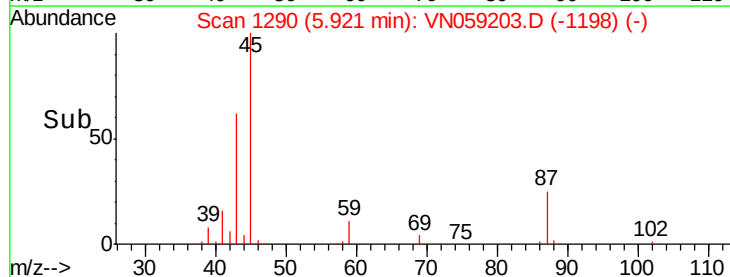
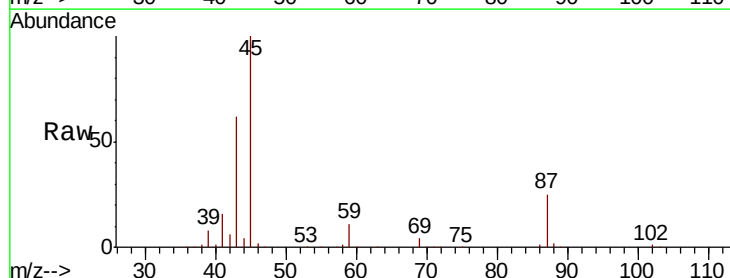
Tot Ion: 96 Resp: 208277
Ion Ratio Lower Upper
96 100
61 146.2 122.6 183.8
98 62.2 50.3 75.5

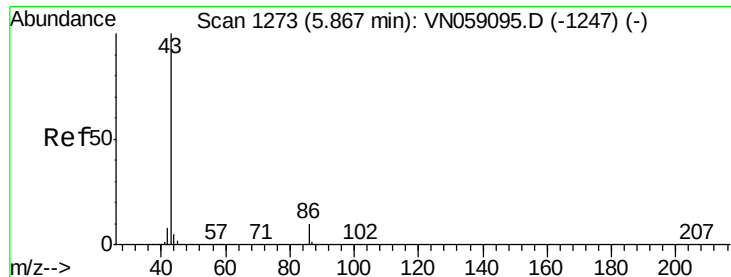


#22

Diisopropyl ether
Concen: 50.796 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion: 45 Resp: 794874
Ion Ratio Lower Upper
45 100
43 60.7 46.7 70.1
87 25.4 20.5 30.7
59 11.1 9.6 14.4





#23

Vinyl Acetate

Concen: 269.414 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

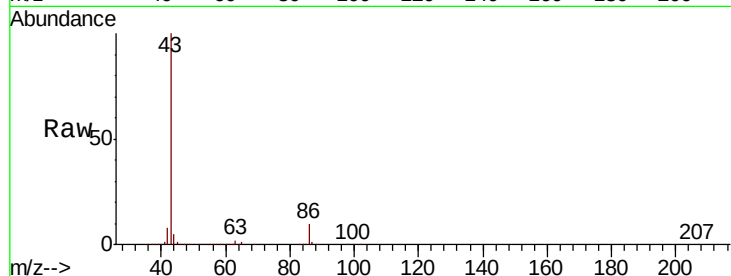
ClientSampled :

Tot Ion: 43 Resp: 3267392

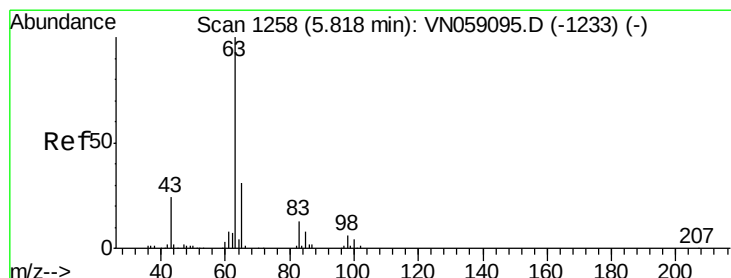
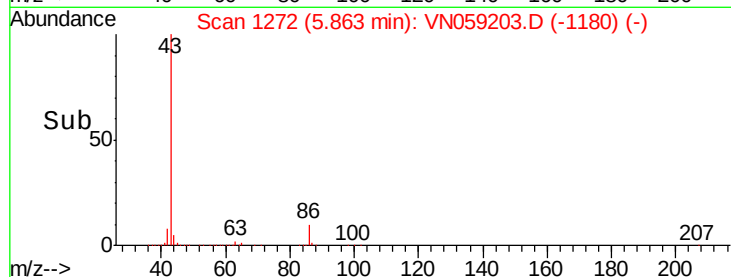
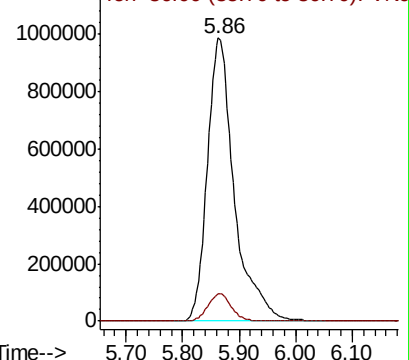
Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059203.D (-1180) (-)



#24

1,1-Dichloroethane

Concen: 49.541 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

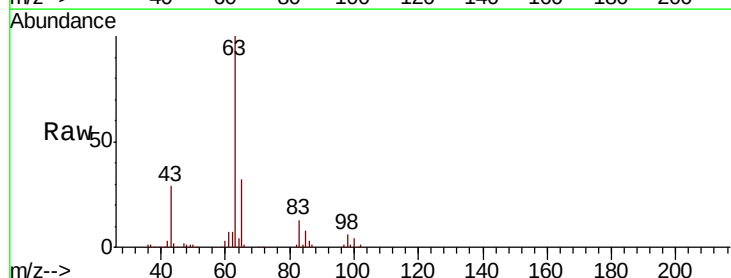
Tgt Ion: 63 Resp: 432988

Ion Ratio Lower Upper

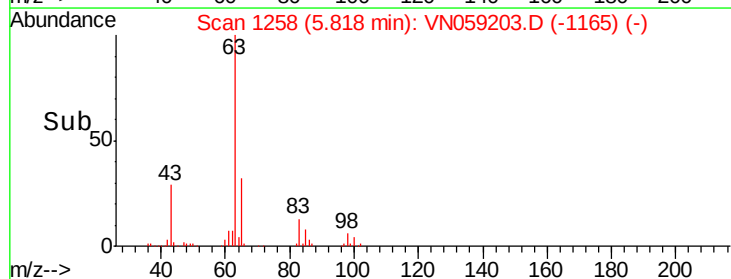
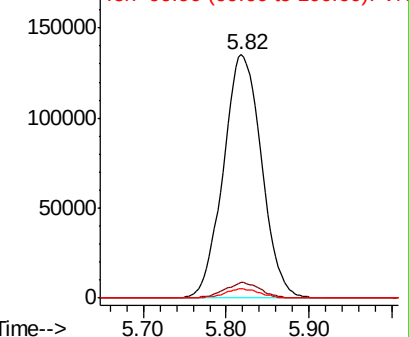
63 100

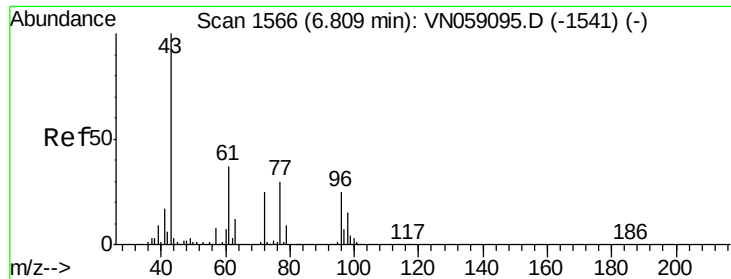
98 6.4 2.8 8.4

100 3.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059203.D (-1165) (-)

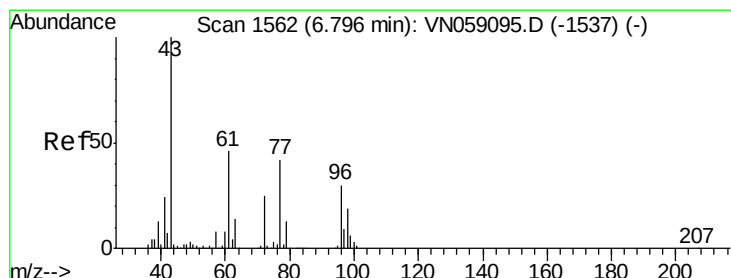
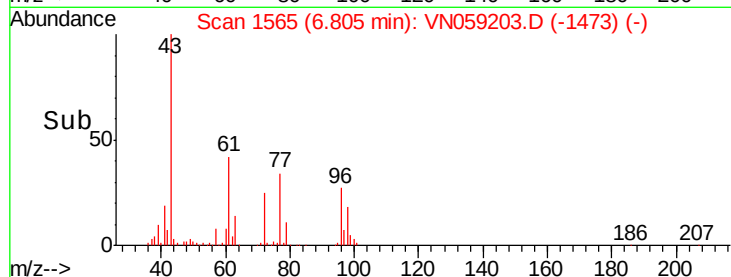
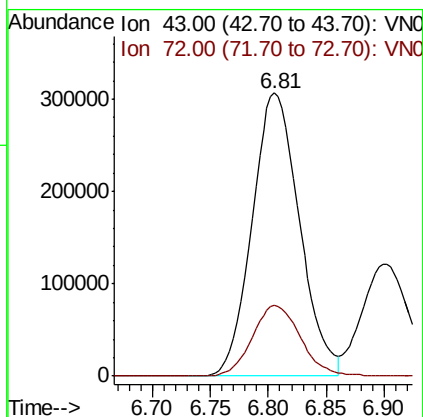
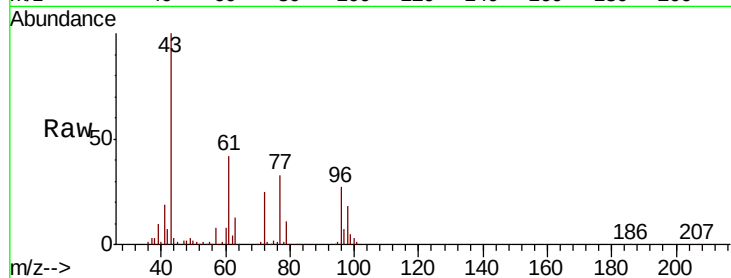




#25
2-Butanone
Concen: 238.427 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

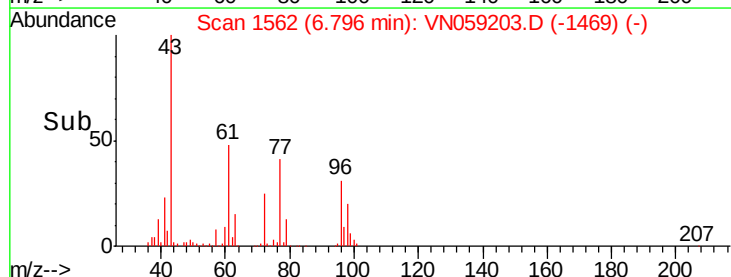
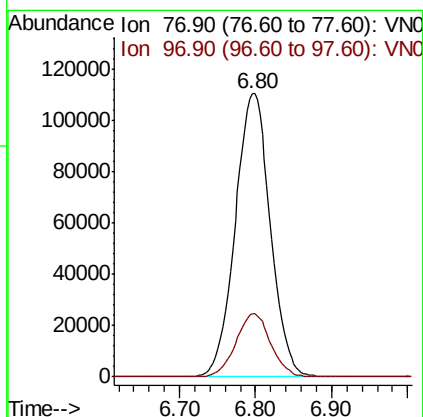
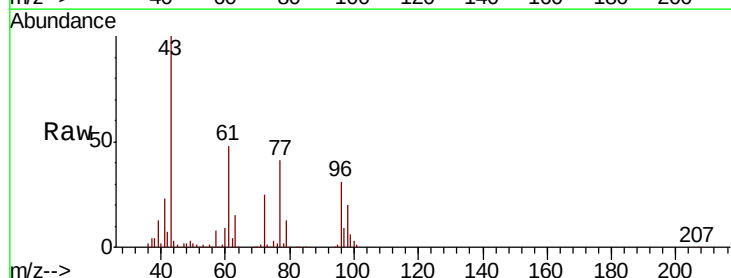
Instrument :
MSVOA_N
ClientSampled :

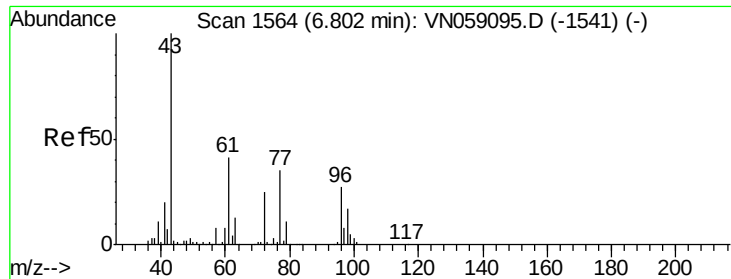
Tot Ion: 43 Resp: 868459
Ion Ratio Lower Upper
43 100
72 25.2 20.3 30.5



#26
2,2-Dichloropropane
Concen: 46.281 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion: 77 Resp: 353697
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 49.953 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

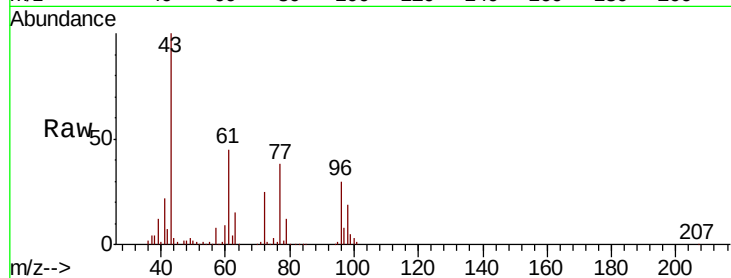
Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 250893

Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	311.6
98	63.7	0.0	129.8

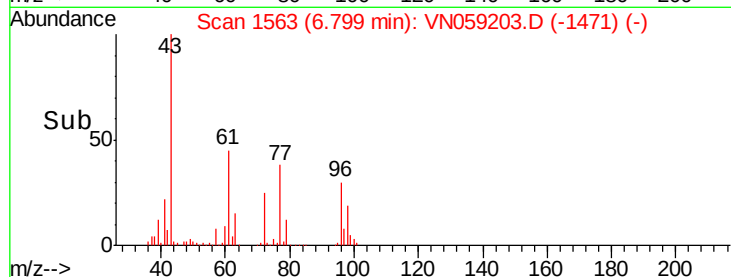


Abundance

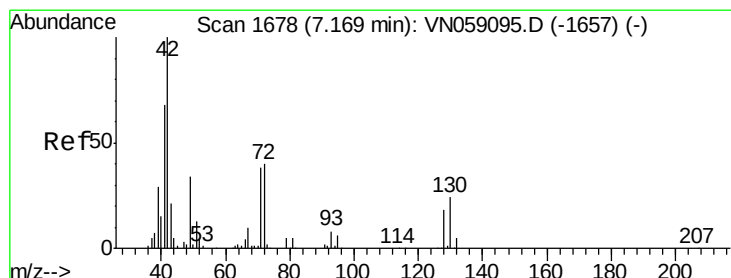
Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->



#28

Bromochloromethane

Concen: 48.800 ug/l

RT: 7.17 min Scan# 1678

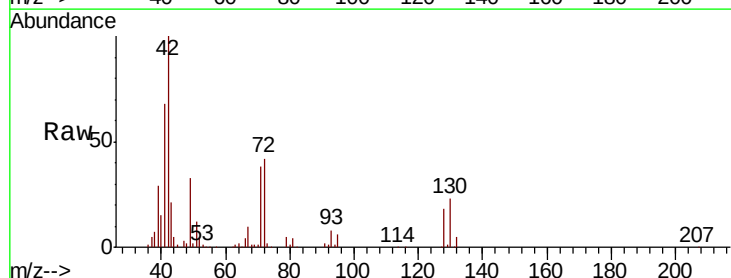
Delta R.T. -0.00 min

Lab File: VN059203.D

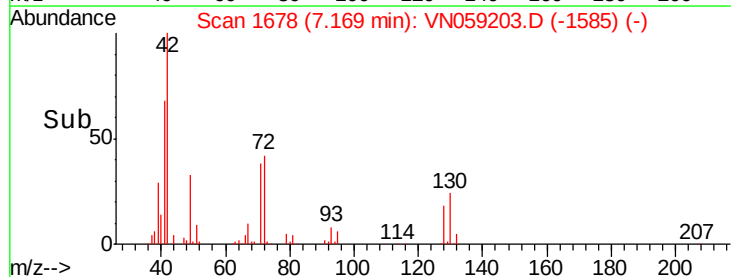
Acq: 12 Nov 2019 19:53

Tgt Ion: 49 Resp: 128319

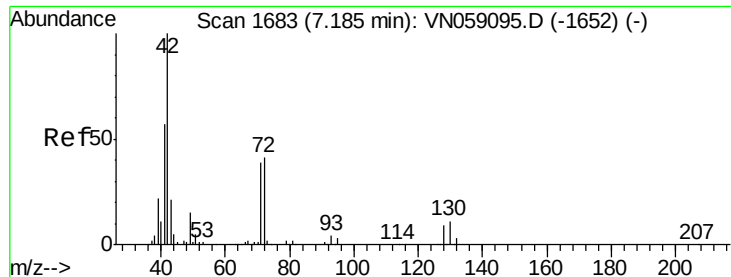
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	68.8	55.6	83.4



Abundance



Time-->



#29

Tetrahydrofuran

Concen: 251.673 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

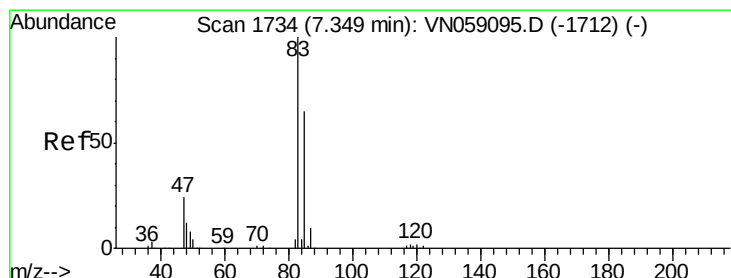
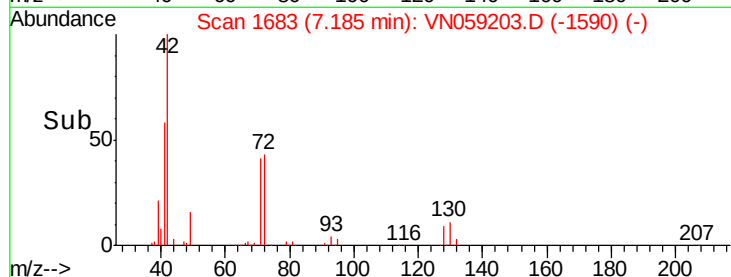
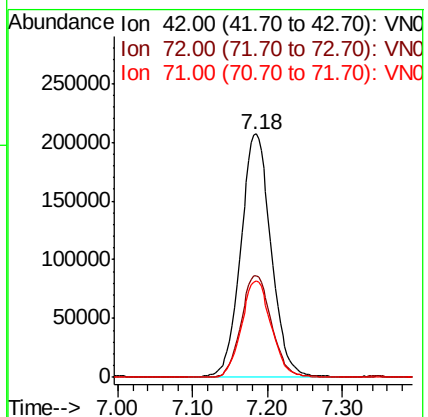
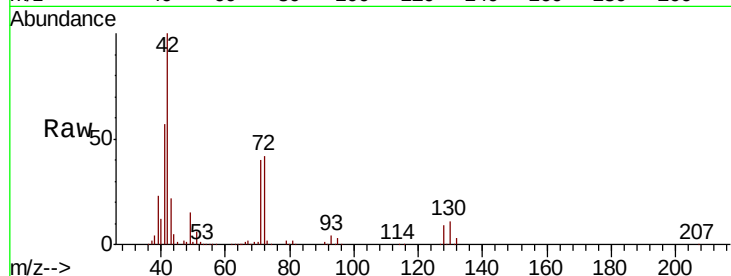
Tot Ion: 42 Resp: 582474

Ion Ratio Lower Upper

42 100

72 42.2 33.1 49.7

71 38.9 30.9 46.3



#30

Chloroform

Concen: 49.627 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN059203.D

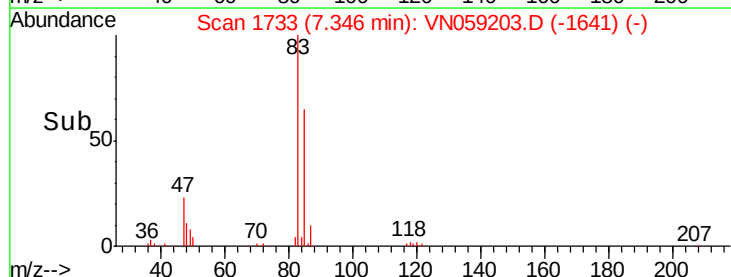
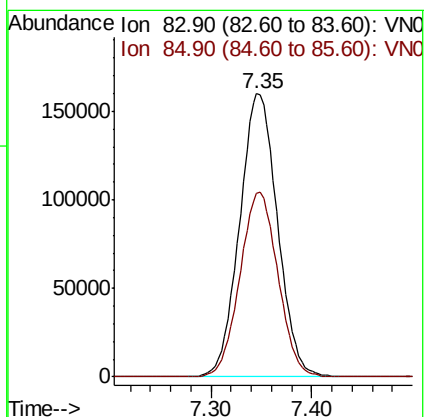
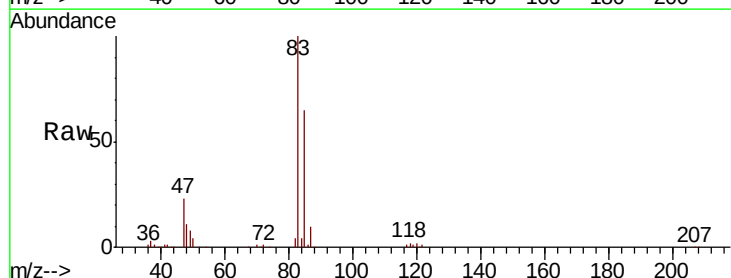
Acq: 12 Nov 2019 19:53

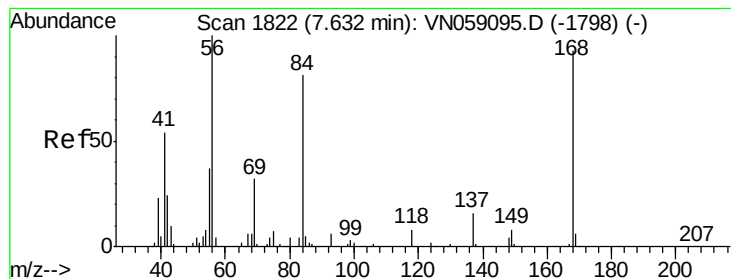
Tgt Ion: 83 Resp: 416078

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 45.329 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

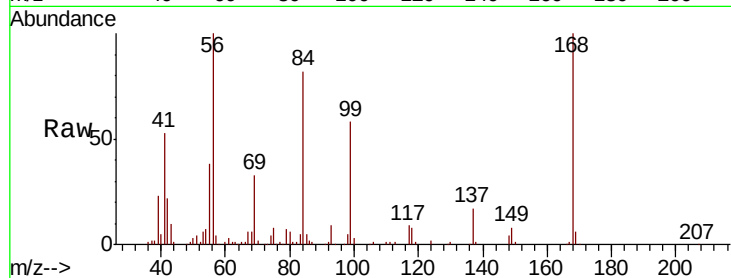
Tot Ion: 56 Resp: 375052

Ion Ratio Lower Upper

56 100

69 33.3 25.8 38.8

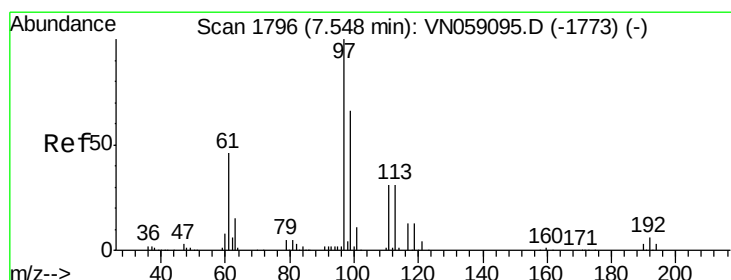
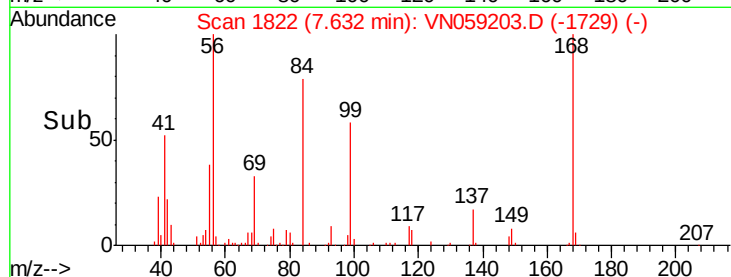
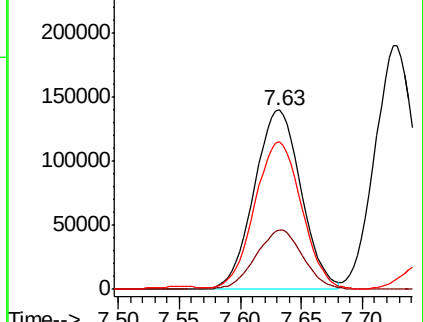
84 80.9 65.0 97.4



Abundance Ion 56.00 (55.70 to 56.70): VN059203.D (-1798) (-)

Ion 69.00 (68.70 to 69.70): VN059203.D (-1798) (-)

Ion 84.00 (83.70 to 84.70): VN059203.D (-1798) (-)



#32

1,1,1-Trichloroethane

Concen: 50.052 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

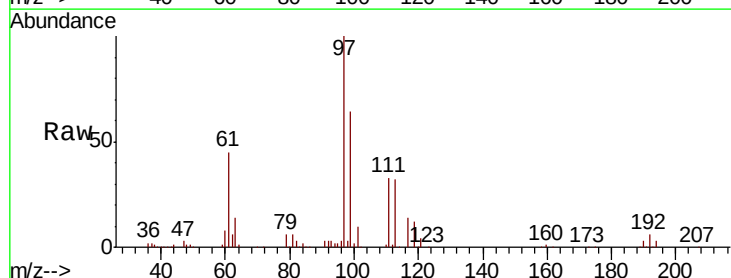
Tgt Ion: 97 Resp: 352809

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

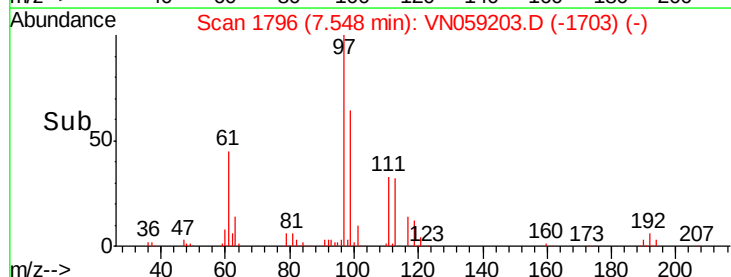
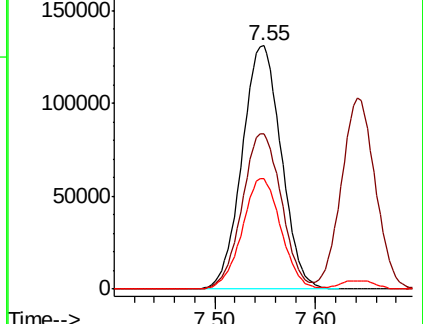
61 44.9 35.8 53.8

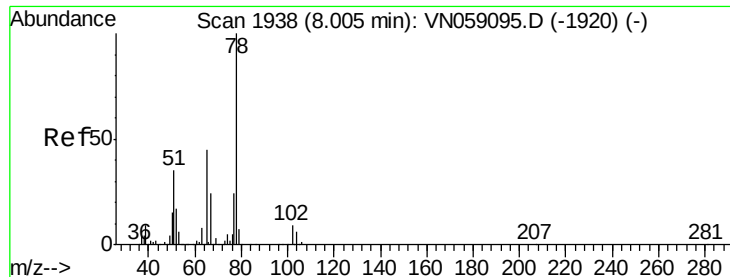


Abundance Ion 96.90 (96.60 to 97.60): VN059203.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059203.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059203.D (-1703) (-)

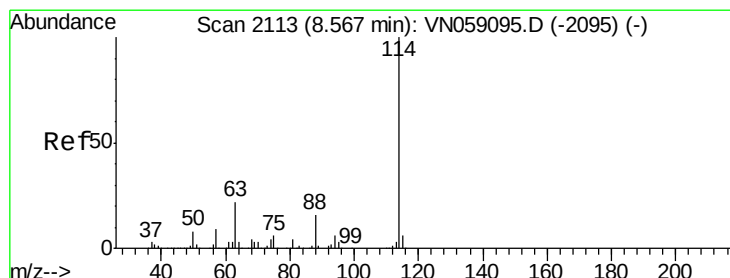
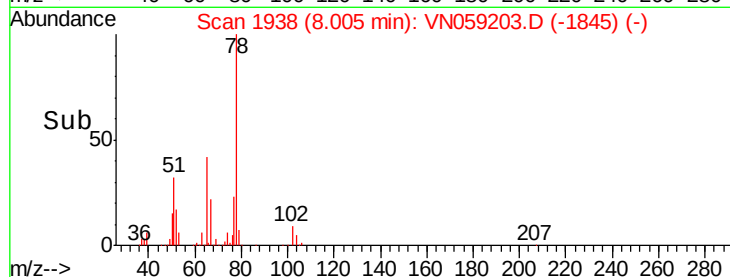
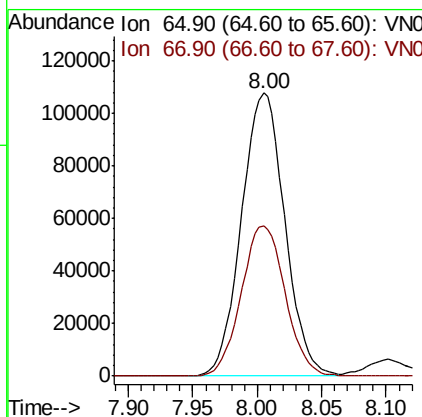
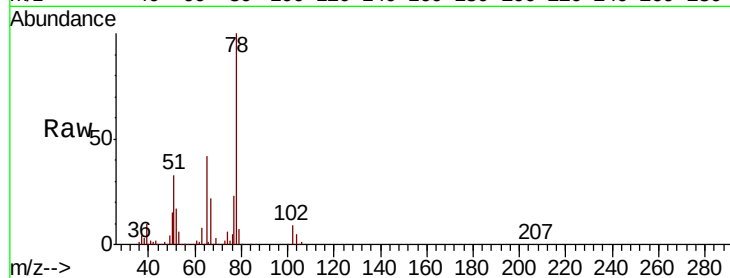




#33
 1,2-Dichloroethane-d4
 Concen: 47.457 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

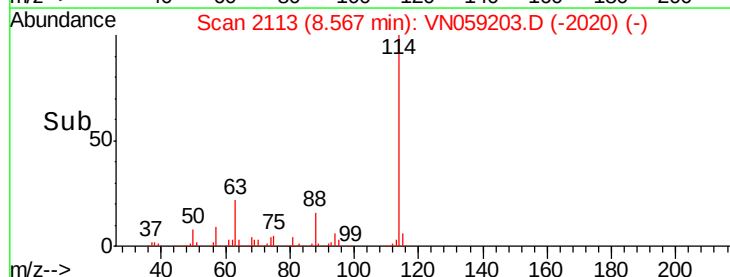
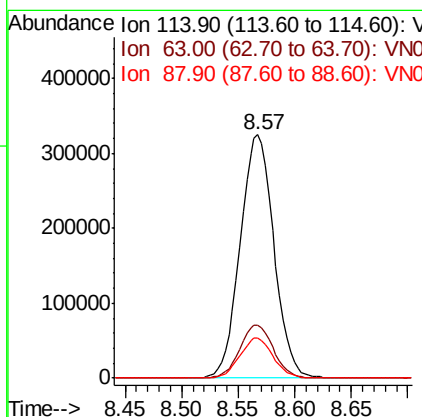
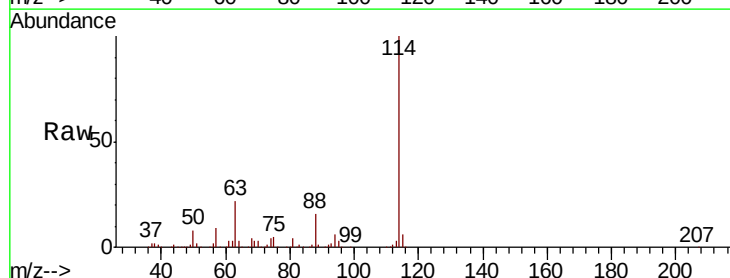
Instrument :
 MSVOA_N
 ClientSampleId :

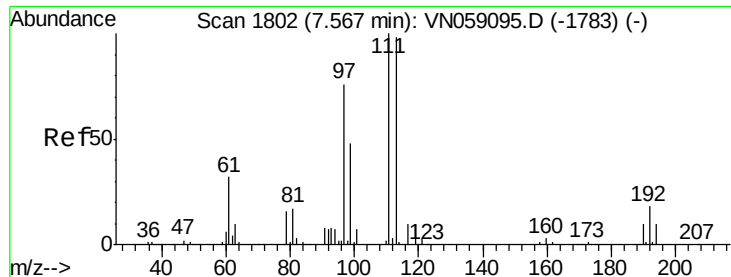
Tot Ion: 65 Resp: 252220
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion: 114 Resp: 673697
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 16.3 0.0 32.2

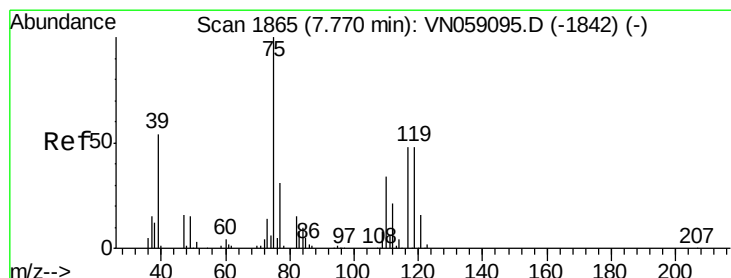
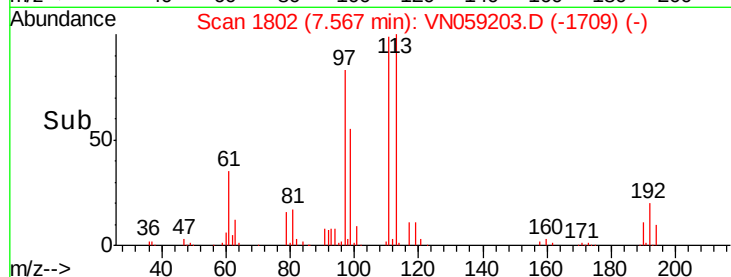
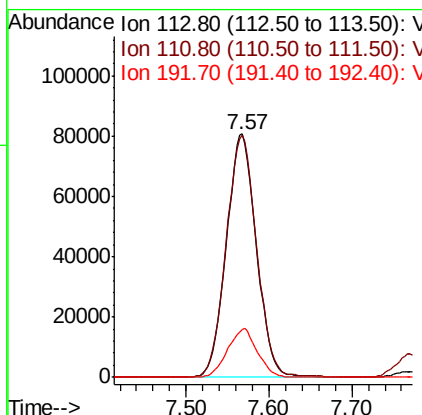
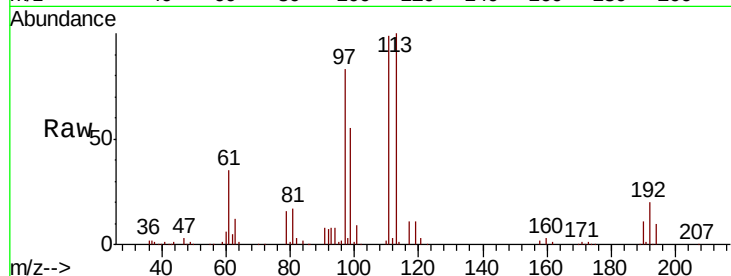




#35
 Dibromofluoromethane
 Concen: 50.438 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

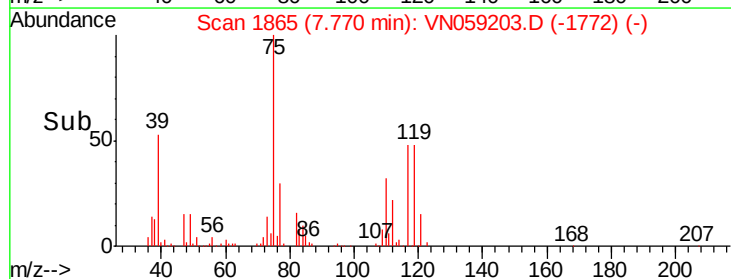
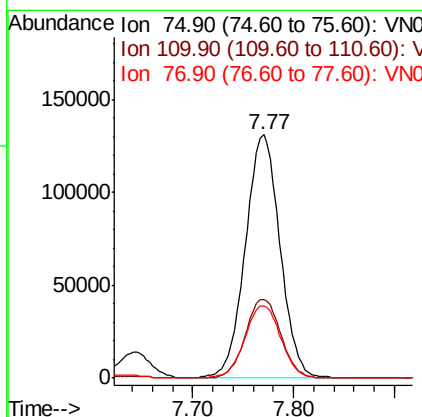
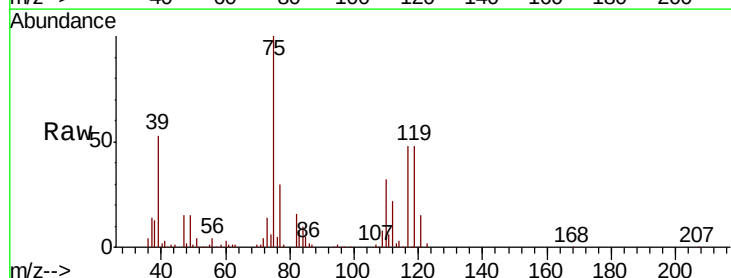
Instrument :
 MSVOA_N
 ClientSampleId :

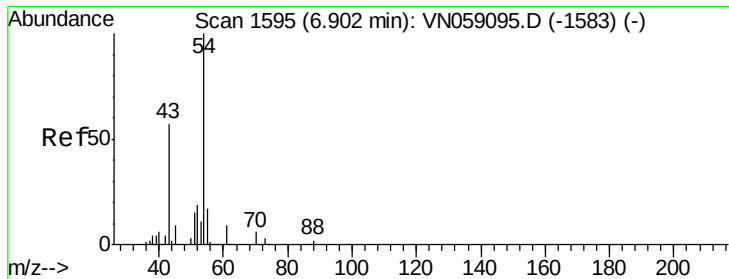
Tot Ion:113 Resp: 202892
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.8 124.2
 192 19.8 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 49.308 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion: 75 Resp: 310499
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.1 51.2
 77 31.2 24.8 37.2

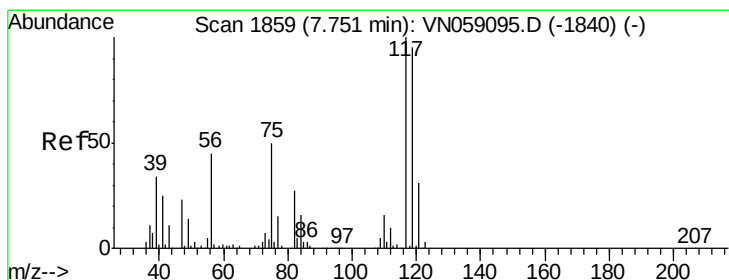
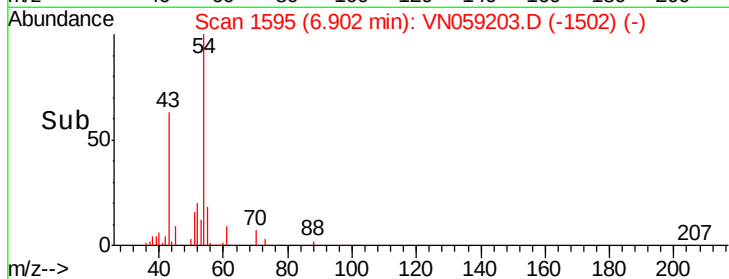
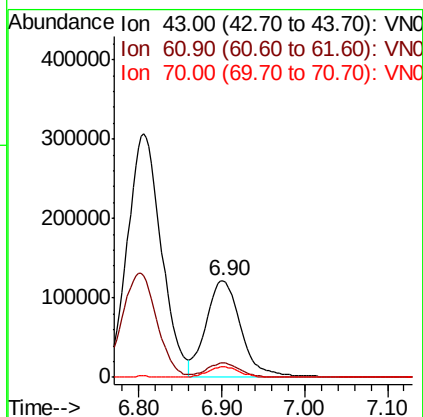
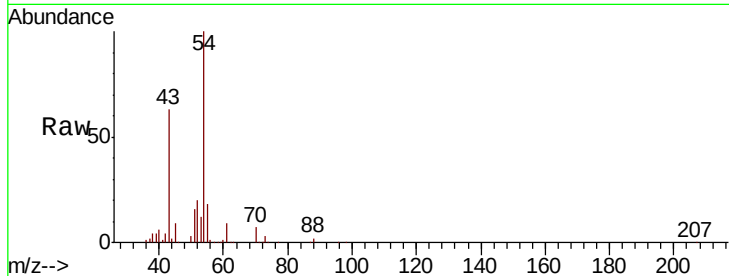




#37
Ethyl Acetate
Concen: 50.407 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

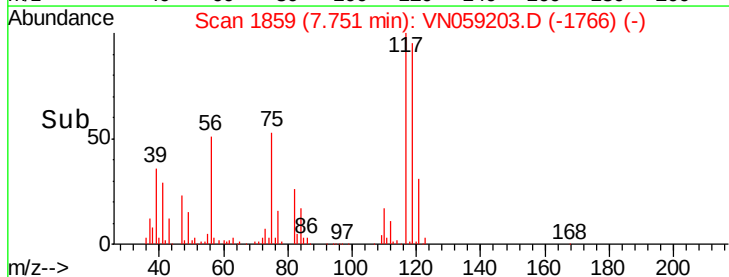
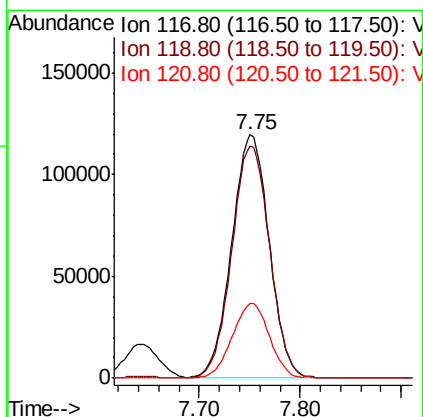
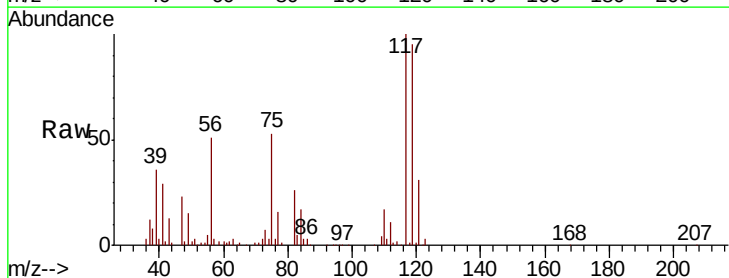
Instrument :
MSVOA_N
ClientSampleId :

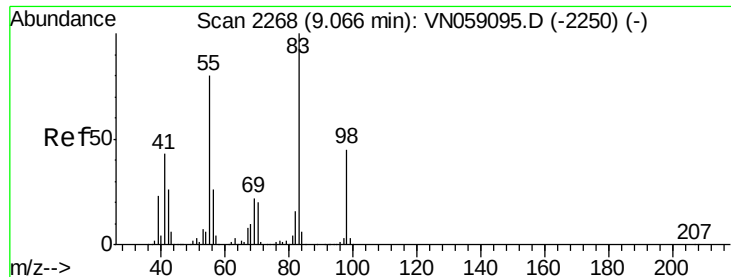
Tot Ion: 43 Resp: 353120
Ion Ratio Lower Upper
43 100
61 14.2 11.2 16.8
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.185 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion: 117 Resp: 308271
Ion Ratio Lower Upper
117 100
119 95.1 75.6 113.4
121 30.7 24.6 36.8

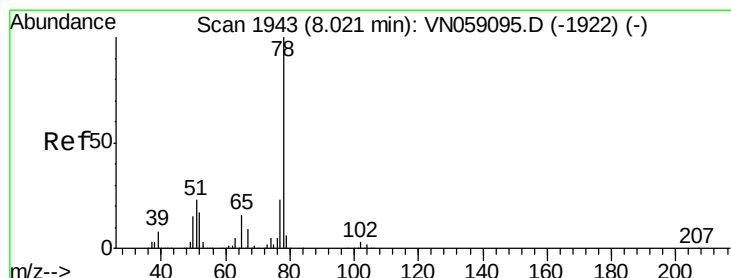
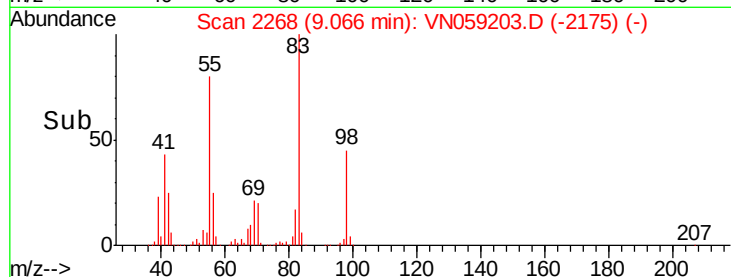
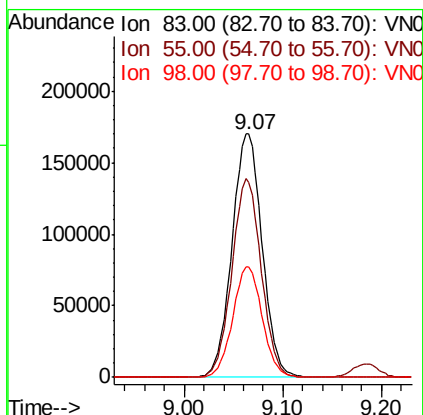
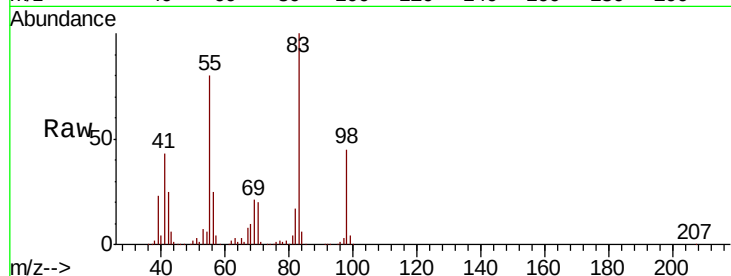




#39
Methylvlcyclohexane
Concen: 49.410 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

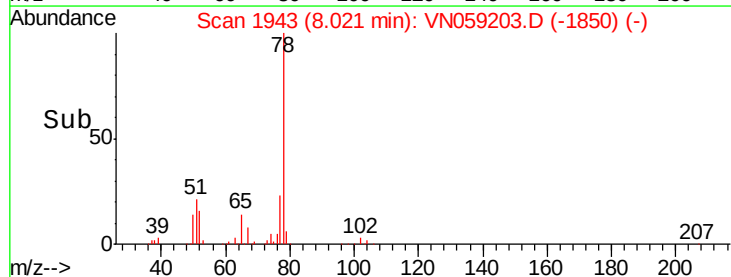
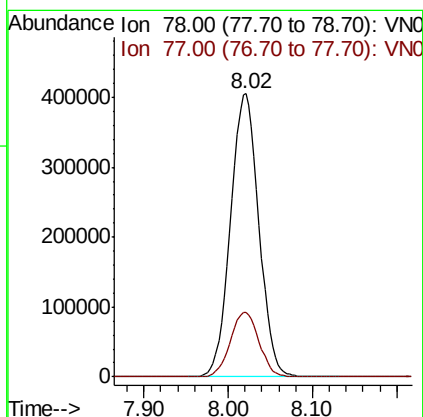
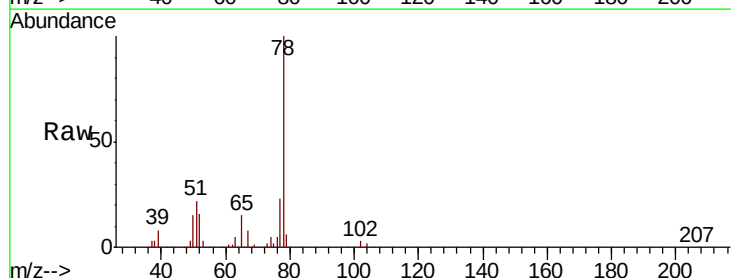
Instrument :
MSVOA_N
ClientSampled :

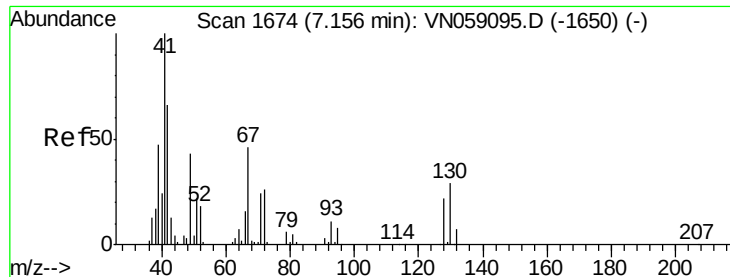
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	63.9	95.9
98	45.3	35.6	53.4



#40
Benzene
Concen: 49.936 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2

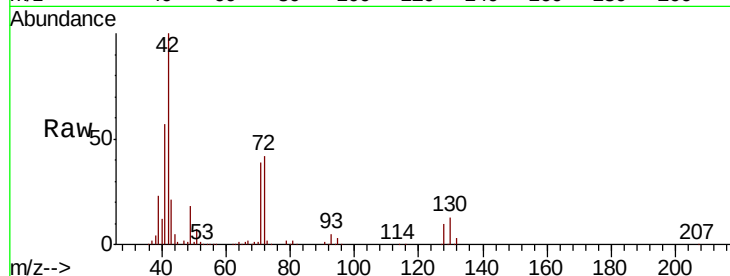




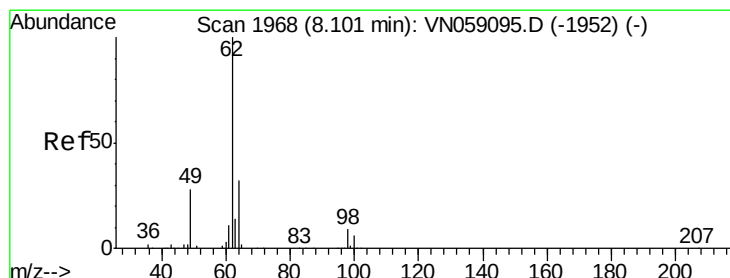
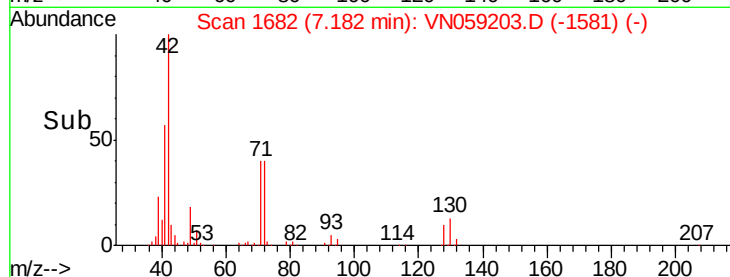
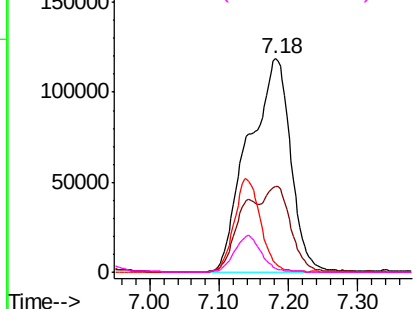
#41
Methacrylonitrile
Concen: 165.425 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	503923
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

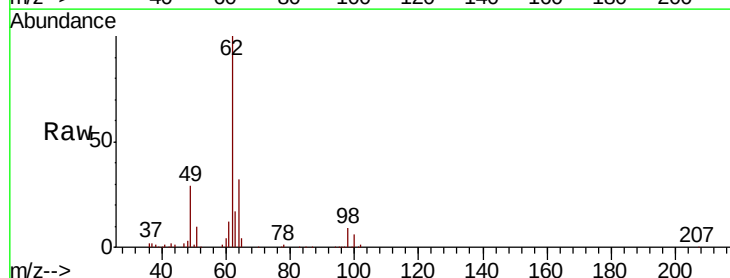


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

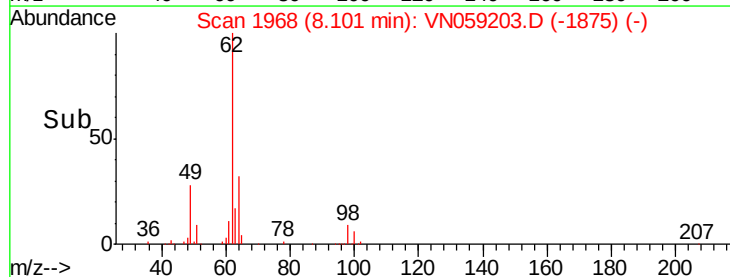
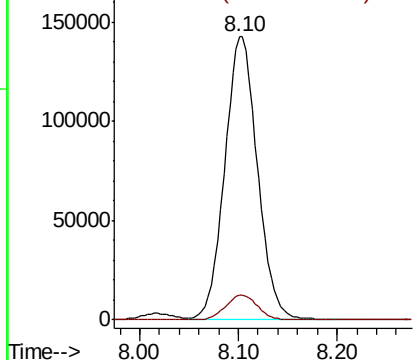


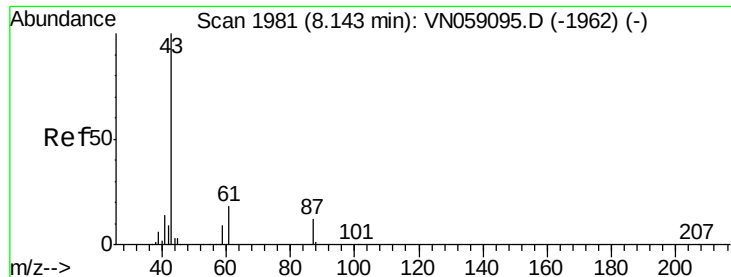
#42
1,2-Dichloroethane
Concen: 50.561 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion:	62	Resp:	328834
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 49.924 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

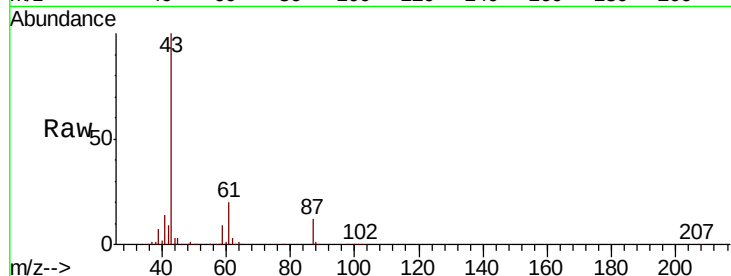
Tot Ion: 43 Resp: 557560

Ion Ratio Lower Upper

43 100

61 27.1 21.0 31.6

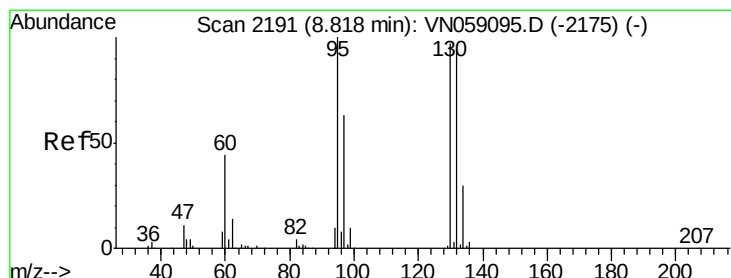
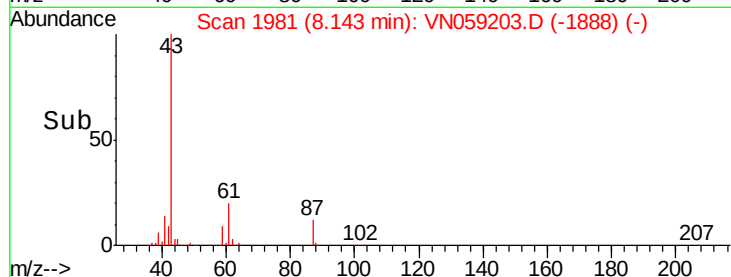
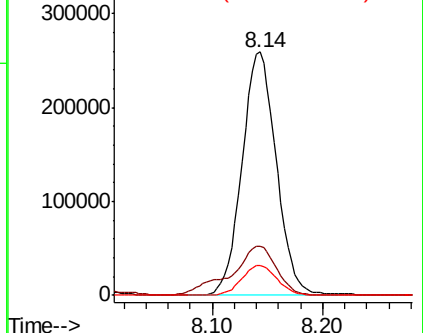
87 12.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



#44

Trichloroethene

Concen: 49.776 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059203.D

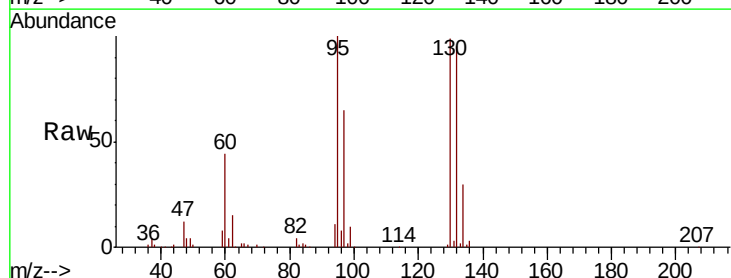
Acq: 12 Nov 2019 19:53

Tgt Ion:130 Resp: 232025

Ion Ratio Lower Upper

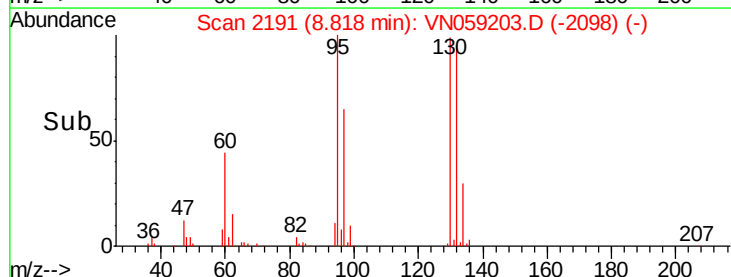
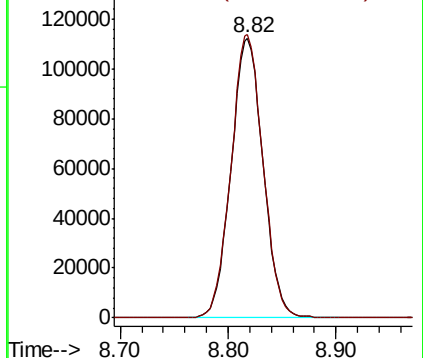
130 100

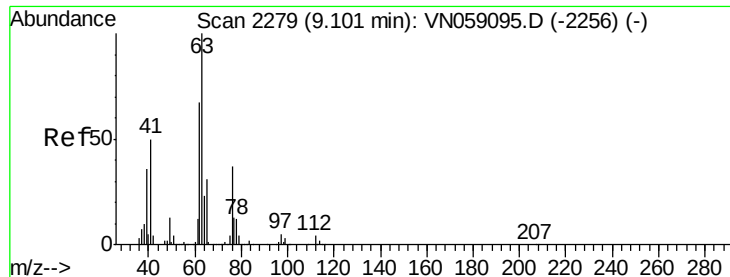
95 101.2 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059095.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059095.D (-2175) (-)

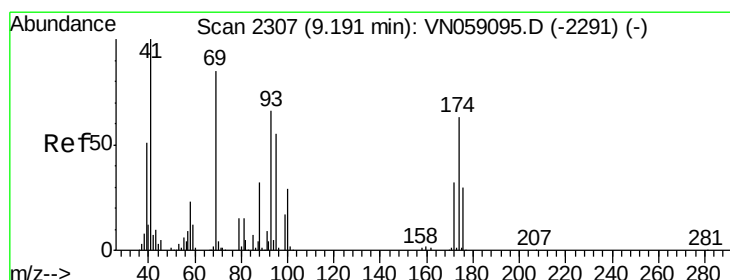
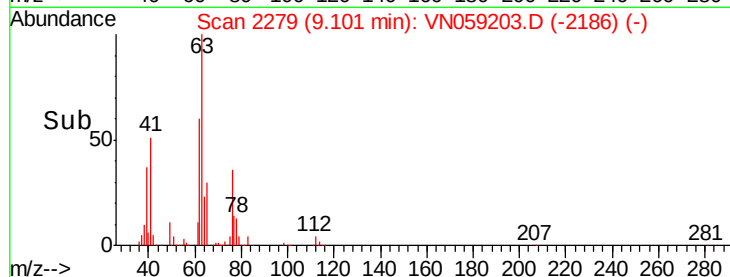
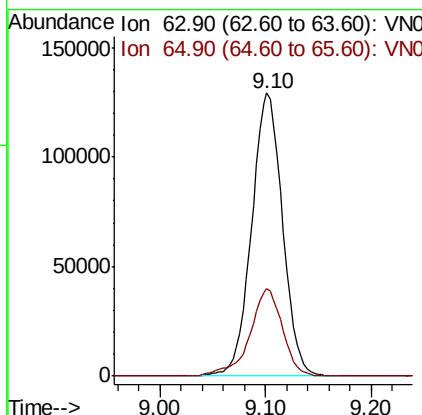
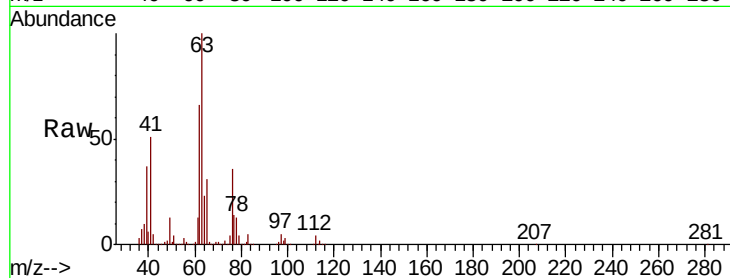




#45
 1,2-Dichloropropane
 Concen: 51.312 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

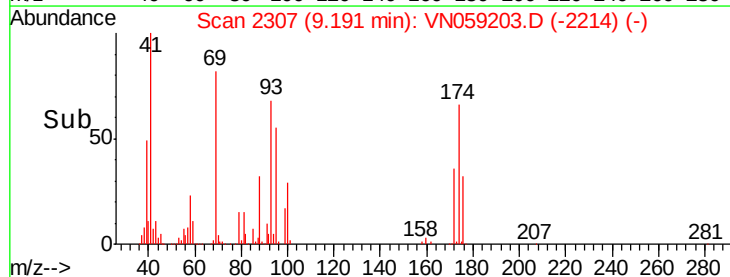
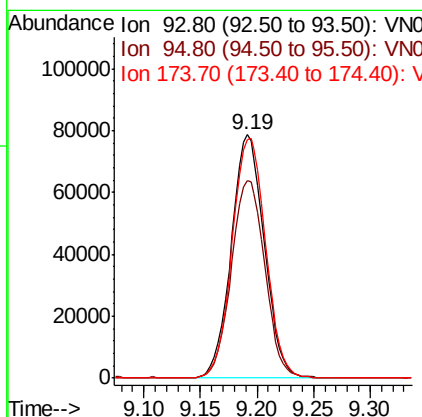
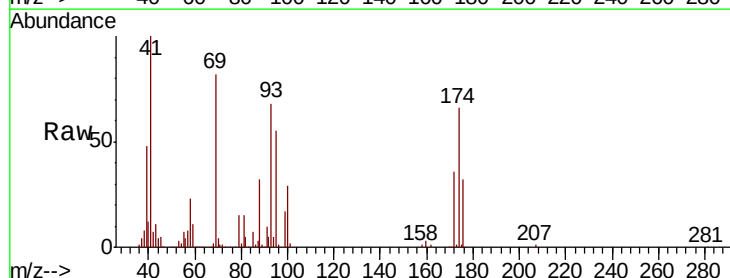
Instrument :
 MSVOA_N
 ClientSampled :

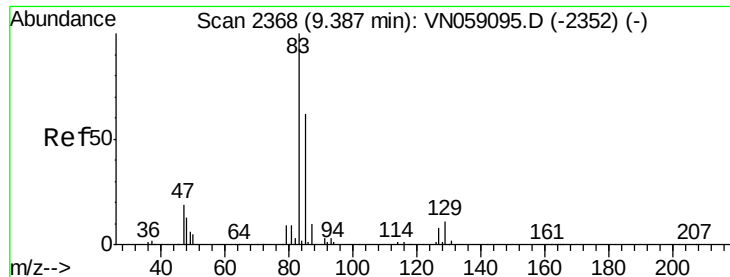
Tot Ion: 63 Resp: 264290
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 49.860 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion: 93 Resp: 160031
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 100.1 78.2 117.2





#47

Bromodichloromethane

Concen: 51.539 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

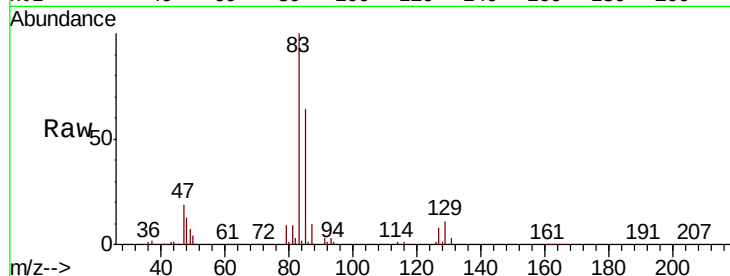
Tot Ion: 83 Resp: 330317

Ion Ratio Lower Upper

83 100

85 63.9 49.7 74.5

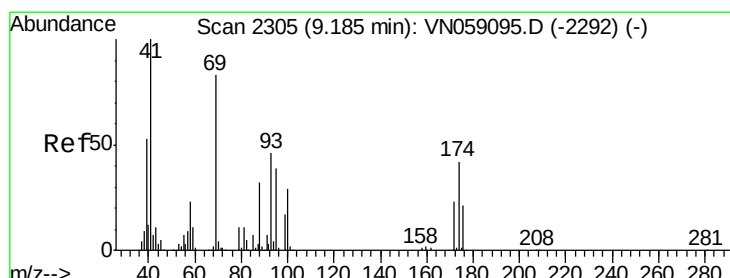
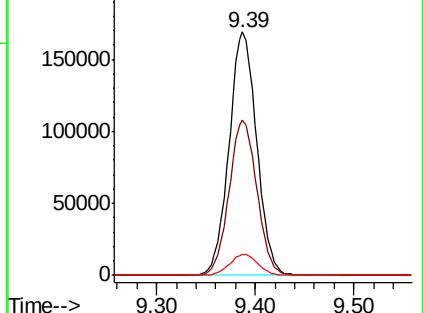
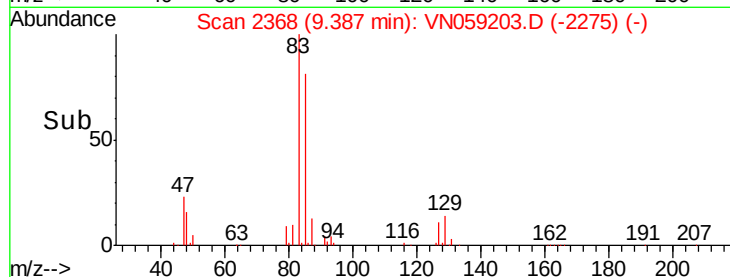
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN059203.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059203.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059203.D (-2275) (-)



#48

Methyl methacrylate

Concen: 52.196 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

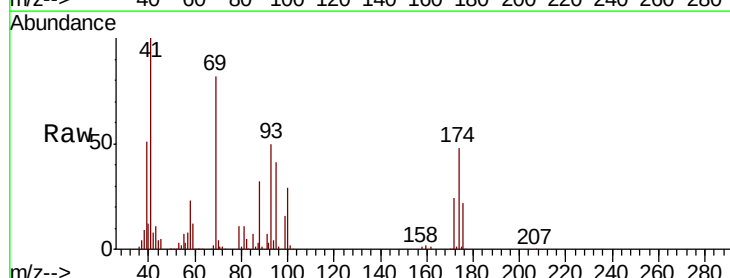
Tgt Ion: 41 Resp: 260748

Ion Ratio Lower Upper

41 100

69 83.2 67.3 100.9

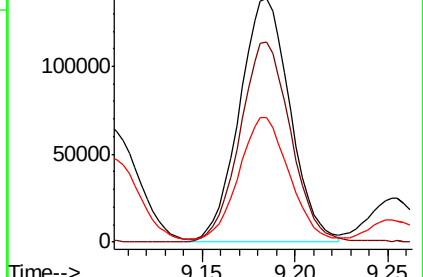
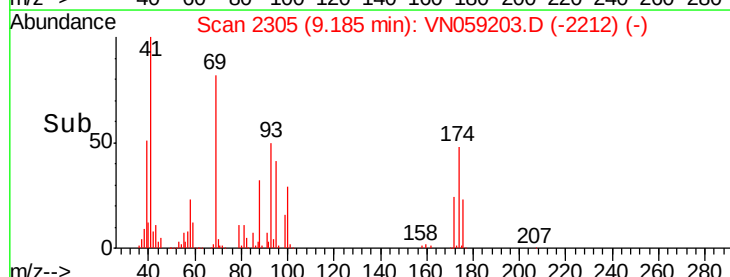
39 51.5 43.3 64.9

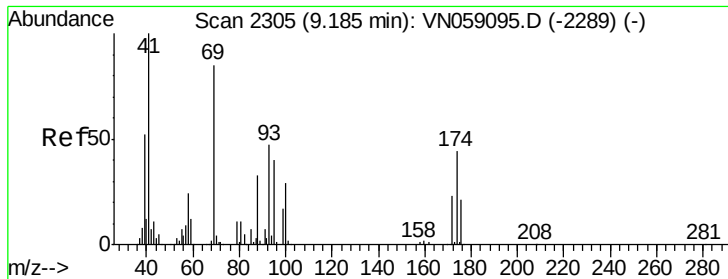


Abundance Ion 41.00 (40.70 to 41.70): VN059203.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059203.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059203.D (-2212) (-)

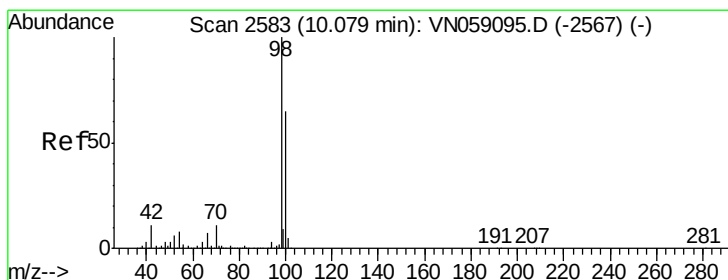
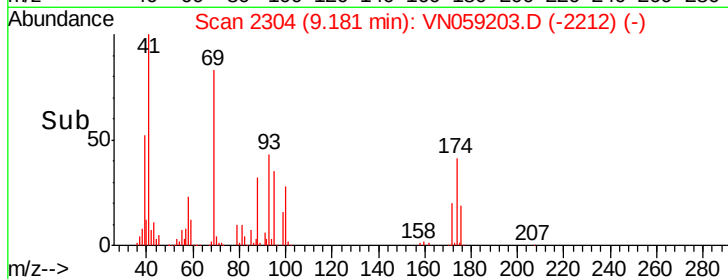
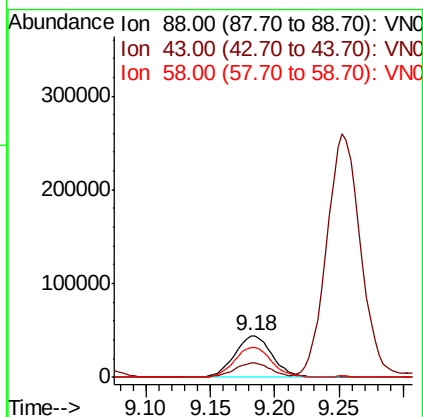
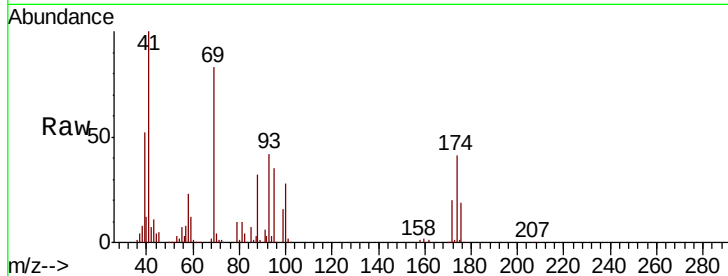




#49
1,4-Dioxane
Concen: 1011.714 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

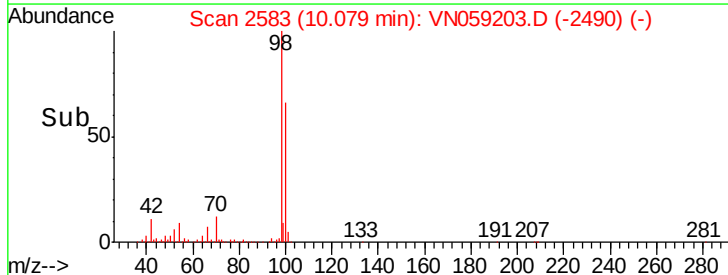
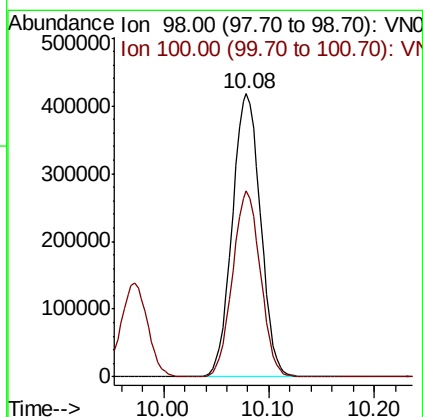
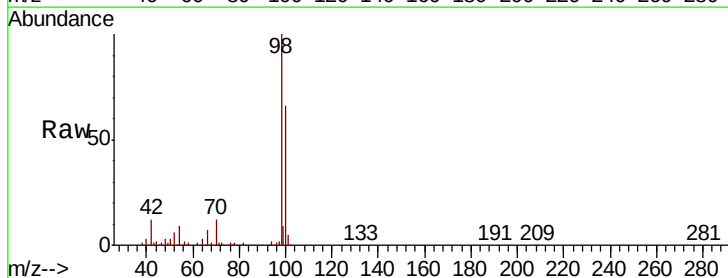
Instrument :
MSVOA_N
ClientSampleId :

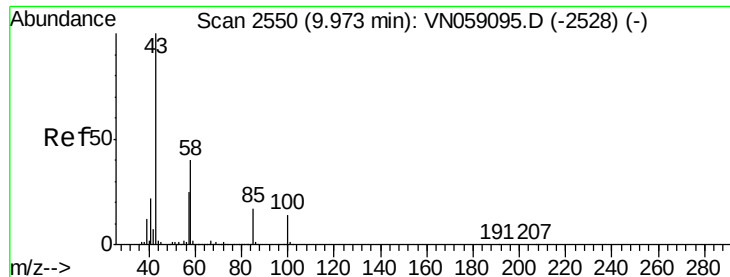
Tot Ion: 88 Resp: 89818
Ion Ratio Lower Upper
88 100
43 33.2 26.3 39.5
58 71.8 60.6 90.8



#50
Toluene-d8
Concen: 49.000 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion: 98 Resp: 776389
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 280.760 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

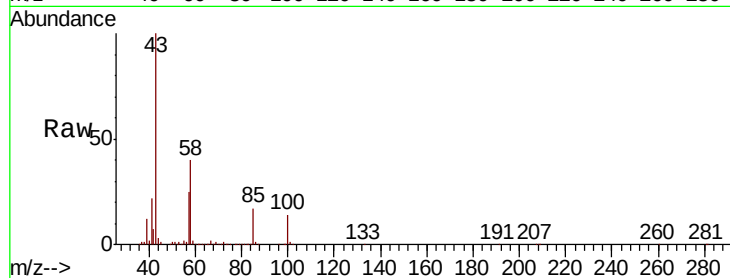
ClientSampled :

Tot Ion: 43 Resp: 1774207

Ion Ratio Lower Upper

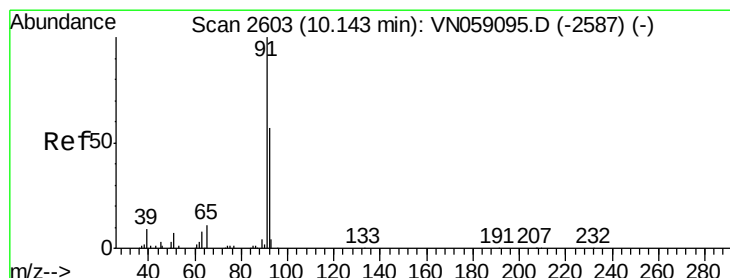
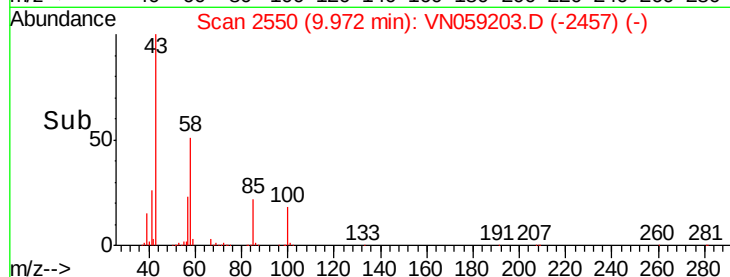
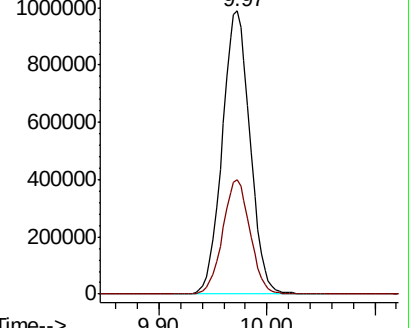
43 100

58 39.7 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)



#52

Toluene

Concen: 50.886 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059203.D

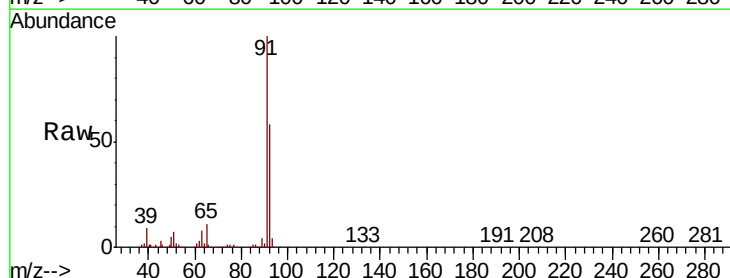
Acq: 12 Nov 2019 19:53

Tgt Ion: 92 Resp: 578357

Ion Ratio Lower Upper

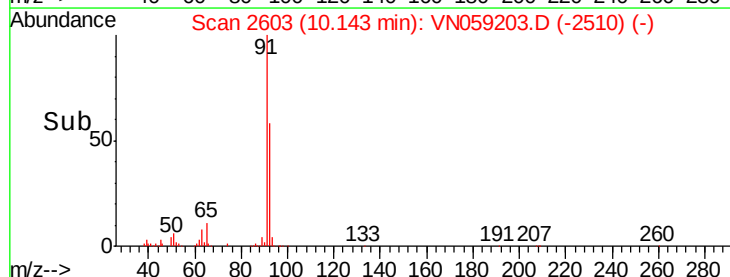
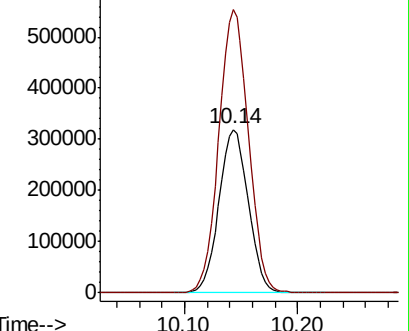
92 100

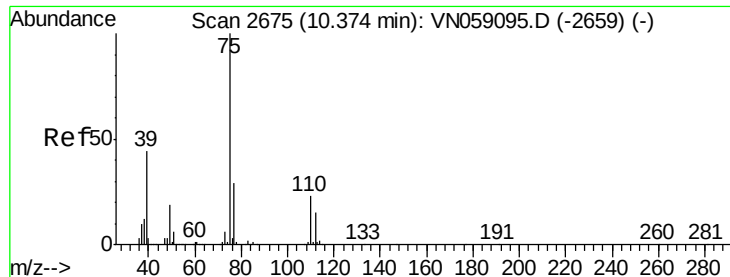
91 174.6 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)





#53

t-1,3-Dichloropropene

Concen: 51.127 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

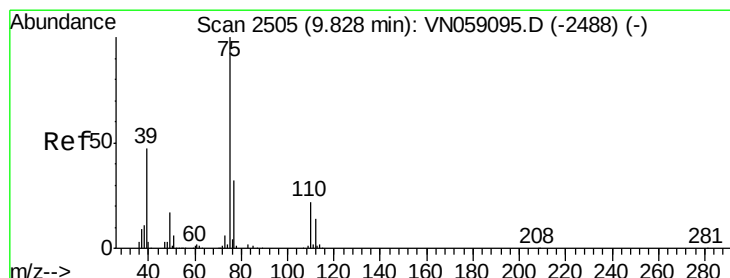
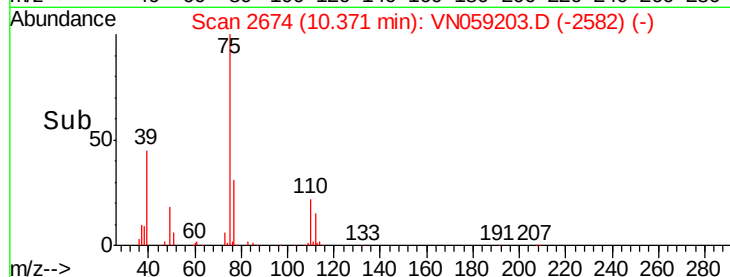
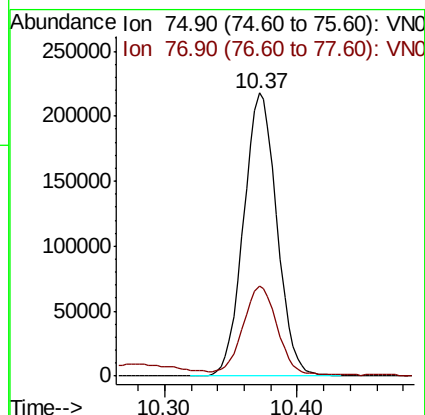
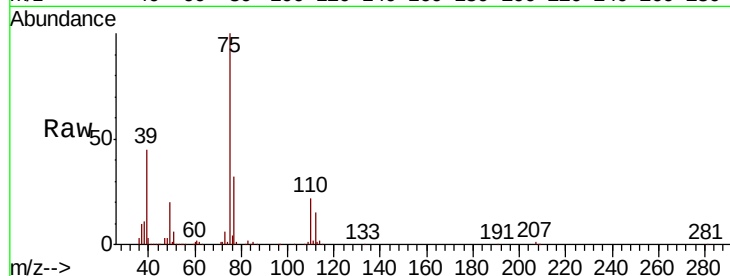
ClientSampleId :

Tot Ion: 75 Resp: 378570

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.734 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

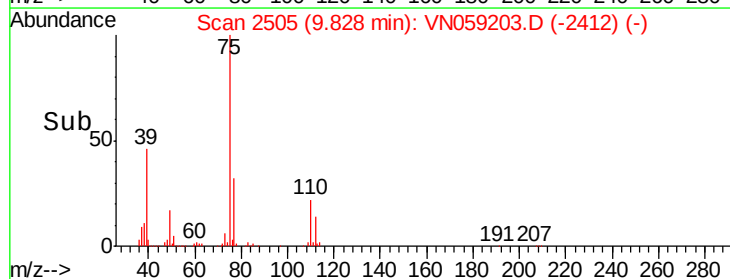
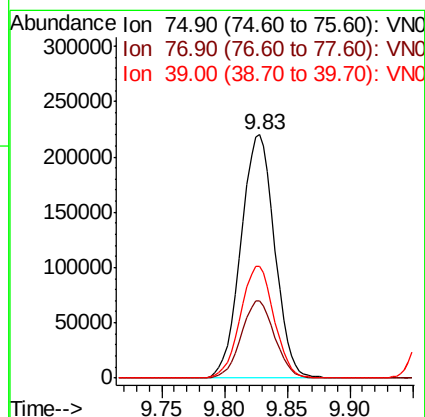
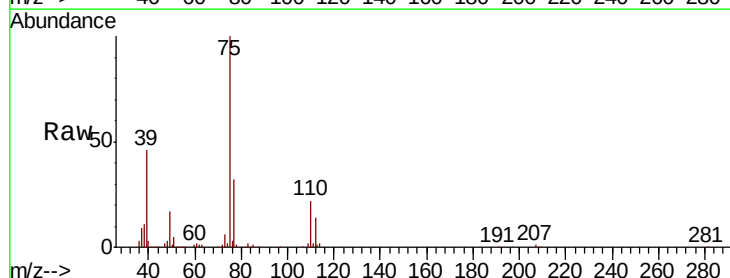
Tgt Ion: 75 Resp: 412059

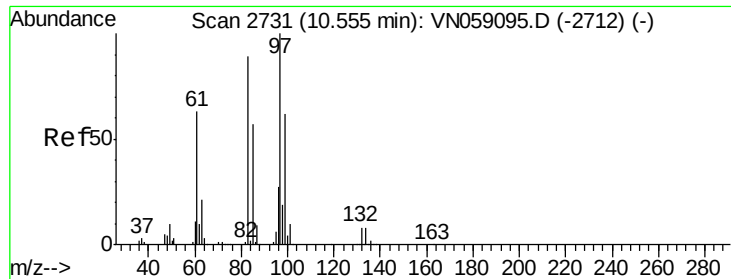
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 46.1 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 50.883 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

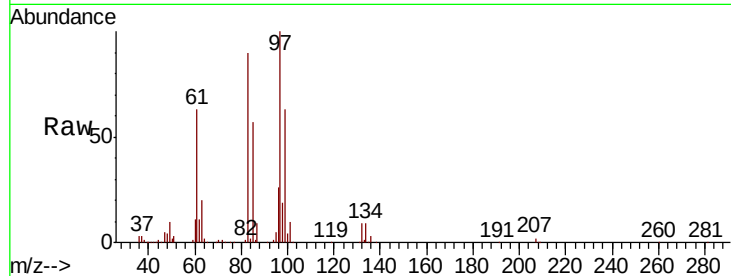
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 234050

Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.0	106.4
85	56.9	45.8	68.8
99	63.2	49.4	74.0

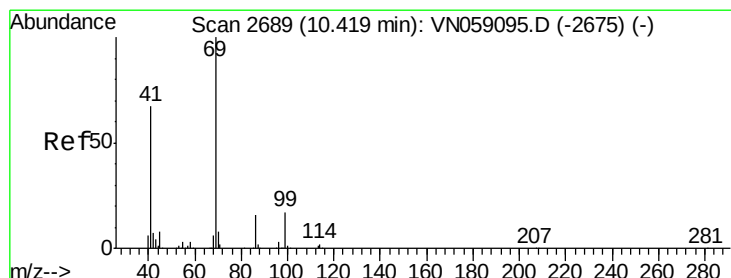
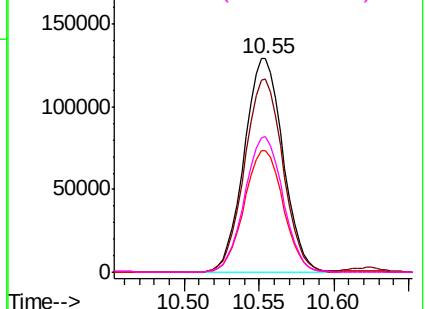
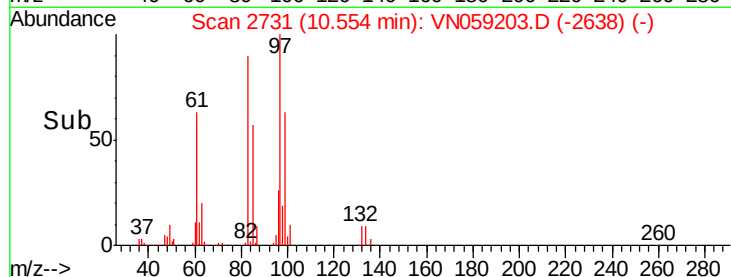


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 48.832 ug/l

RT: 10.42 min Scan# 2689

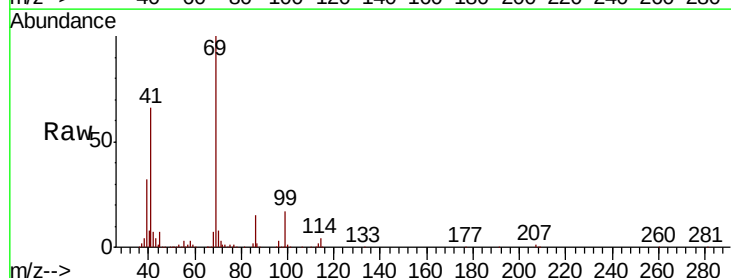
Delta R.T. 0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Tgt Ion: 69 Resp: 374289

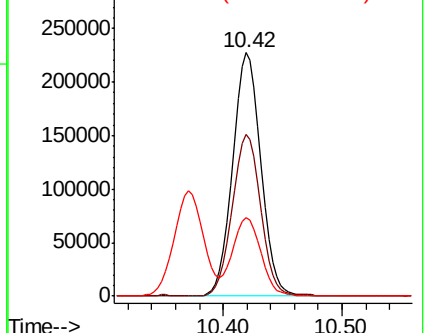
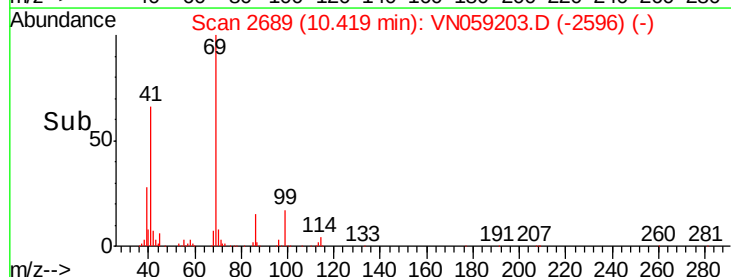
Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.6	80.4
39	32.0	26.2	39.4

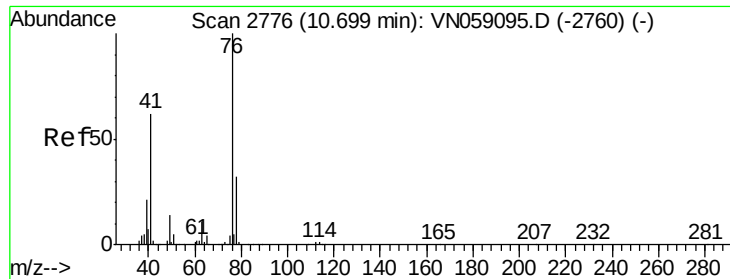


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

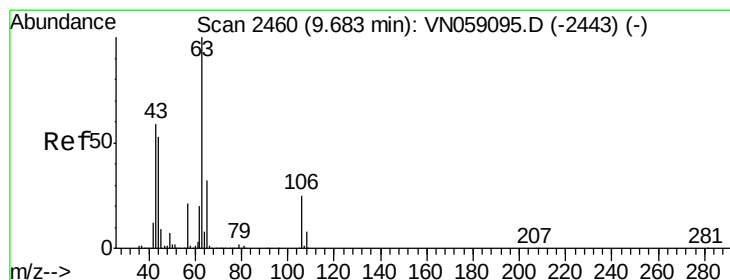
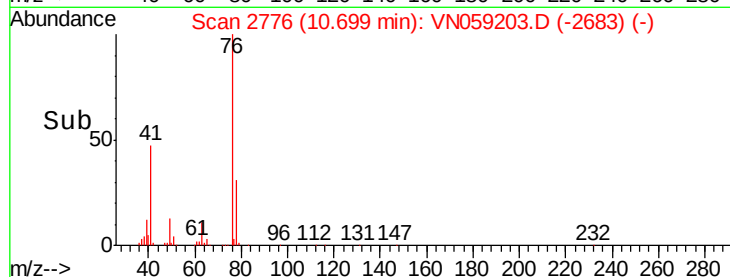
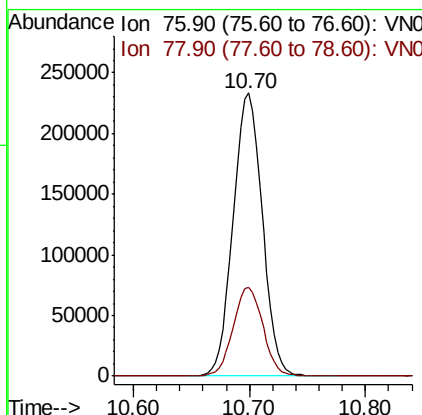
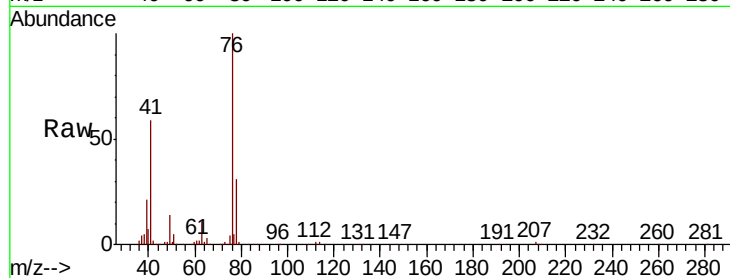




#57
 1,3-Dichloropropane
 Concen: 51.532 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

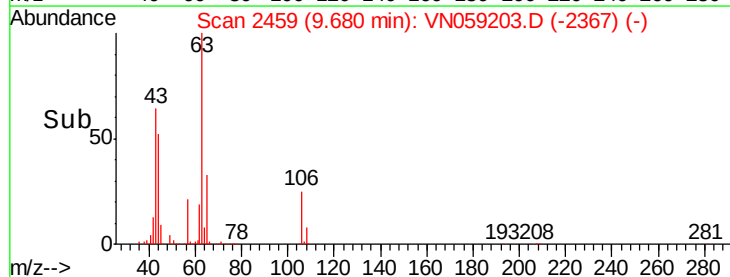
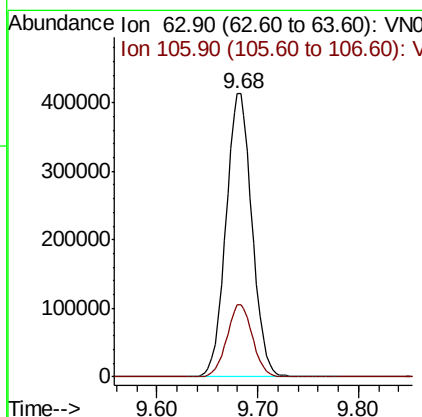
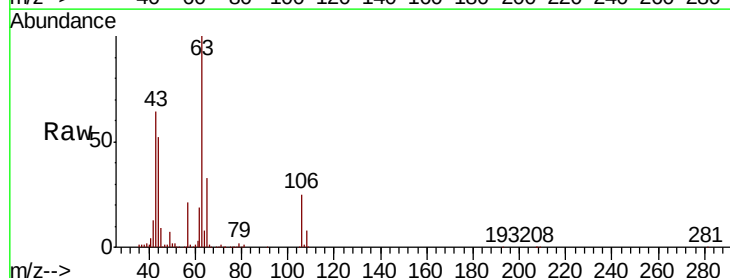
Instrument :
 MSVOA_N
 ClientSampled :

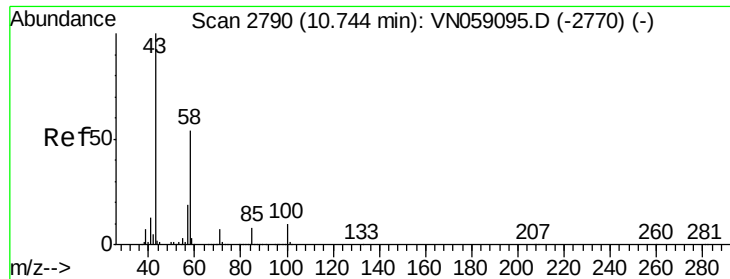
Tot Ion: 76 Resp: 407971
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 290.280 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion: 63 Resp: 743092
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.2 30.2

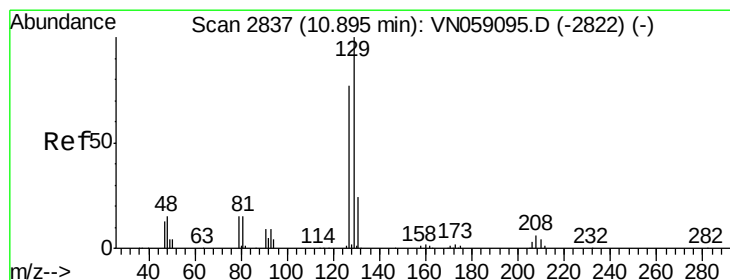
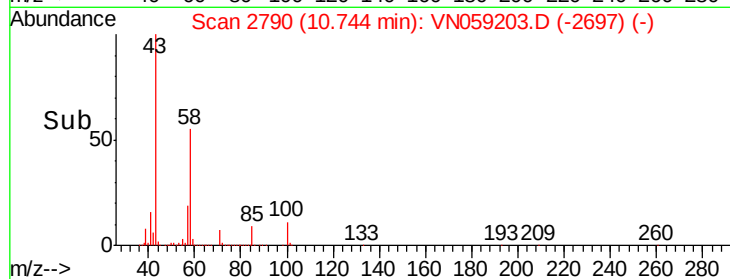
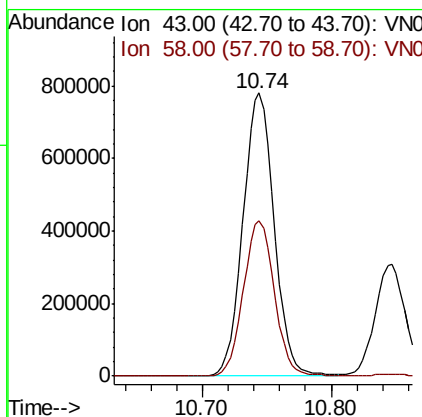
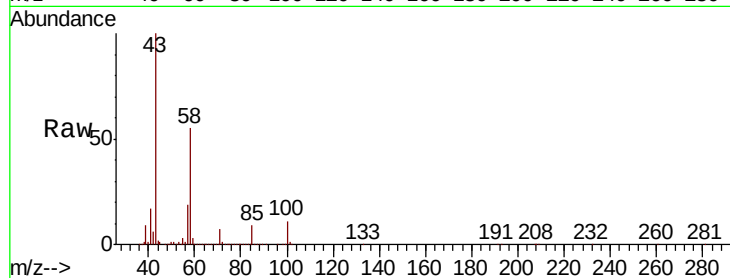




#59
2-Hexanone
Concen: 270.600 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

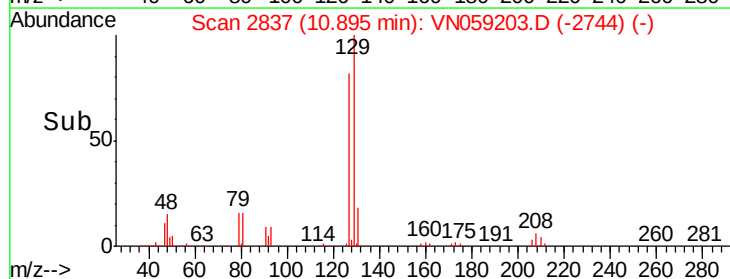
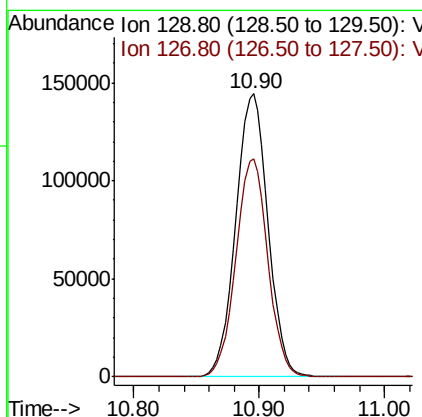
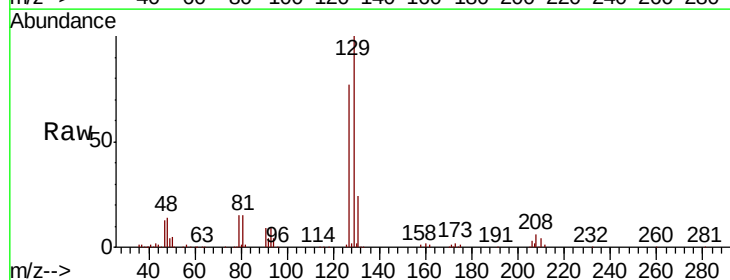
Instrument :
MSVOA_N
ClientSampled :

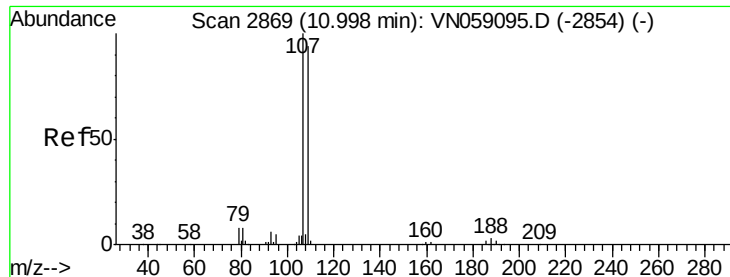
Tot Ion: 43 Resp: 1312504
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 53.067 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion: 129 Resp: 258085
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8

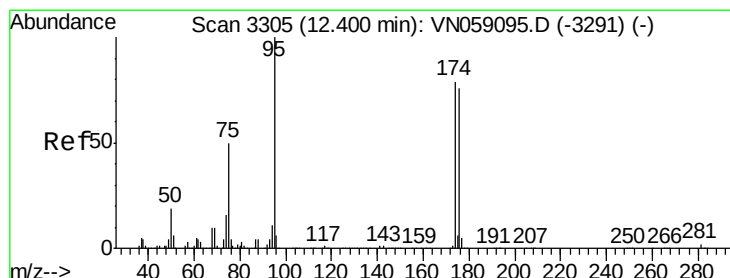
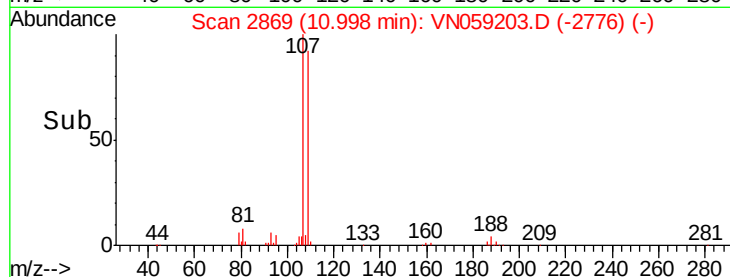
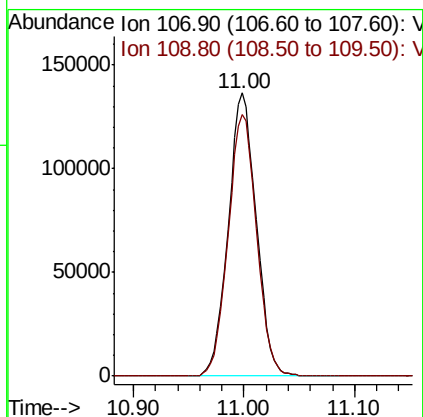
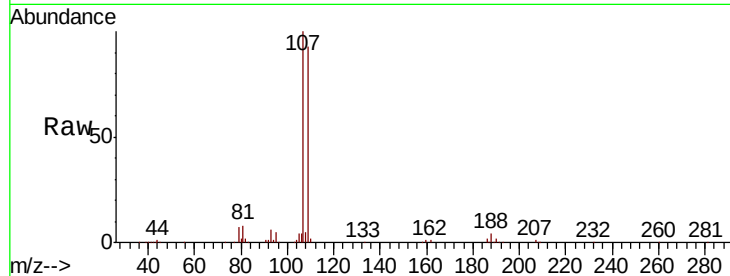




#61
 1,2-Dibromoethane
 Concen: 51.489 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

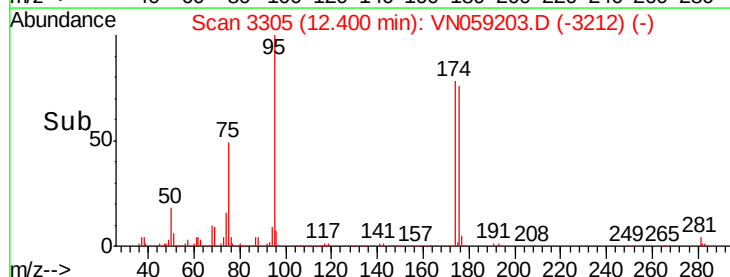
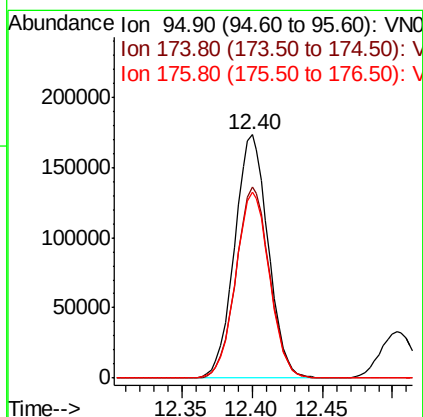
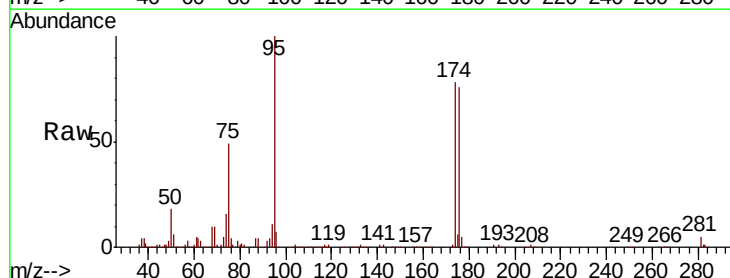
Instrument :
 MSVOA_N
 ClientSampleId :

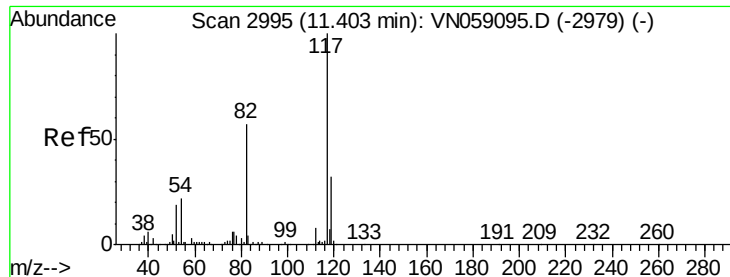
Tot Ion: 107 Resp: 239757
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.626 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion: 95 Resp: 289230
 Ion Ratio Lower Upper
 95 100
 174 78.3 0.0 158.2
 176 76.8 0.0 151.8

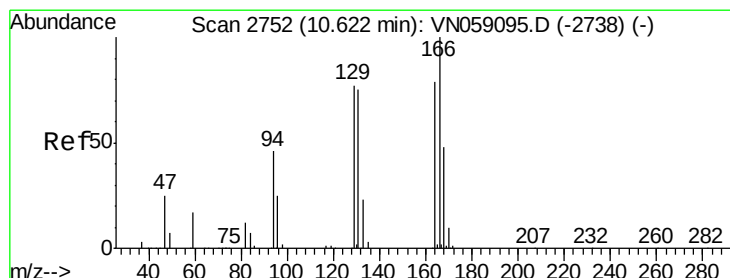
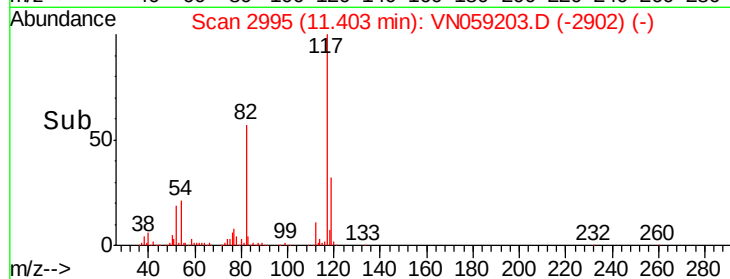
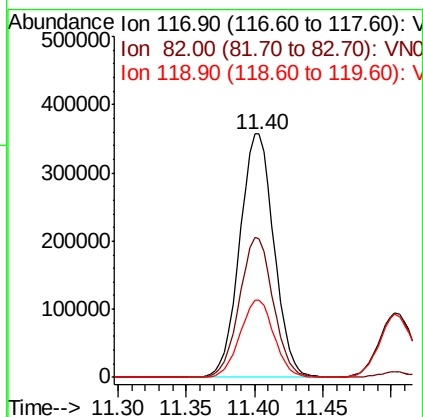
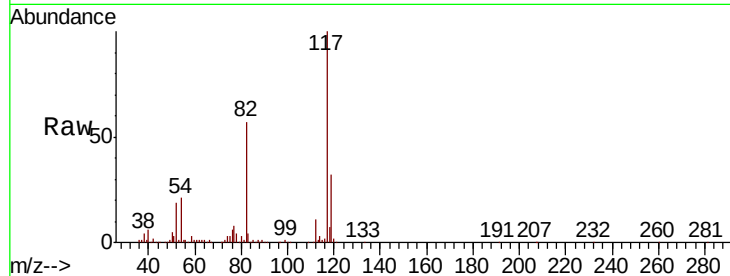




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

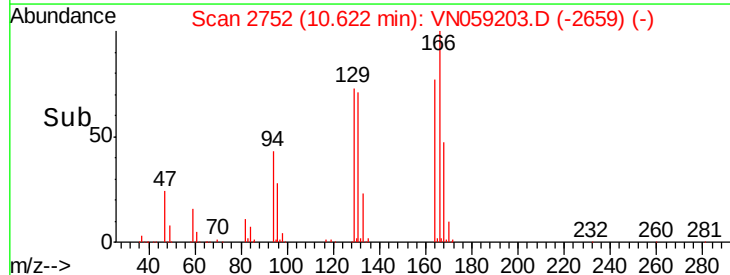
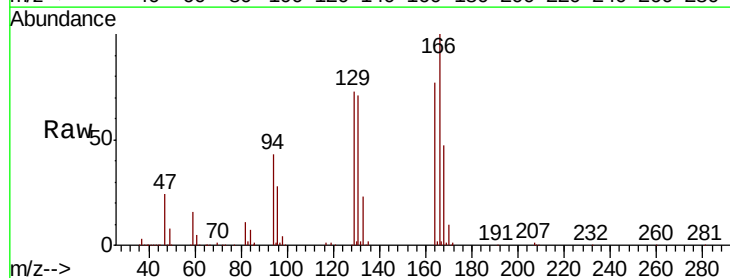
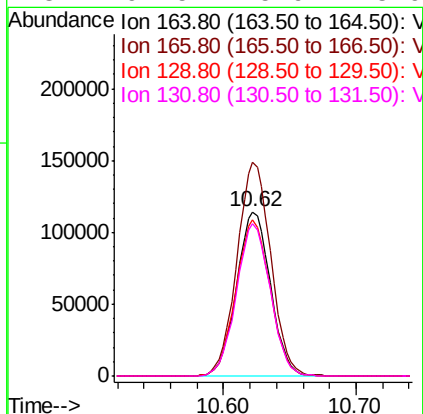
Instrument :
MSVOA_N
ClientSampleId :

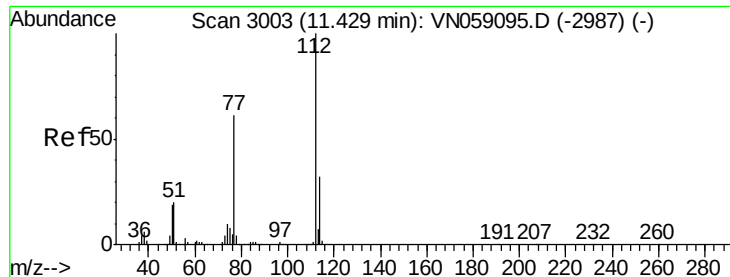
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.8	68.8
119	32.0	25.8	38.6



#64
Tetrachloroethene
Concen: 47.992 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	101.5	152.3
129	94.8	78.3	117.5
131	92.5	75.9	113.9

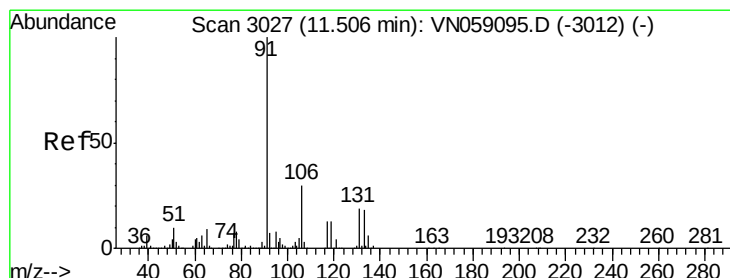
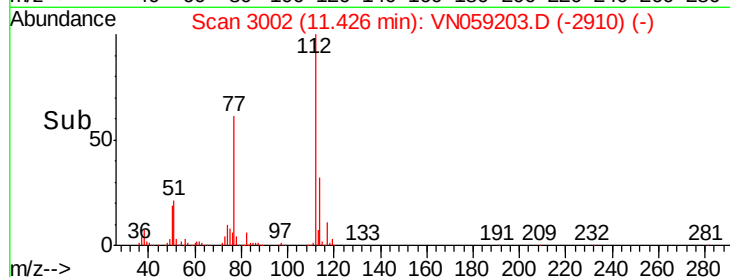
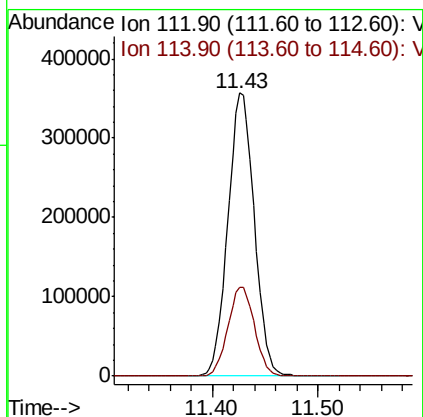
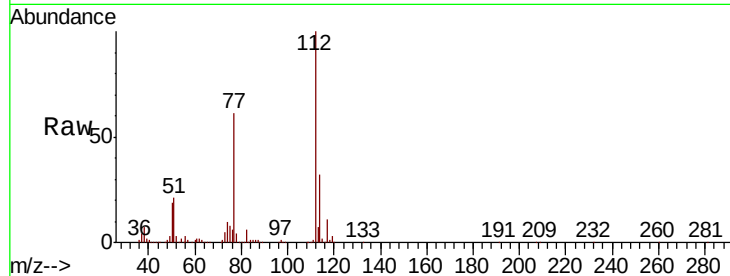




#65
Chlorobenzene
Concen: 50.940 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

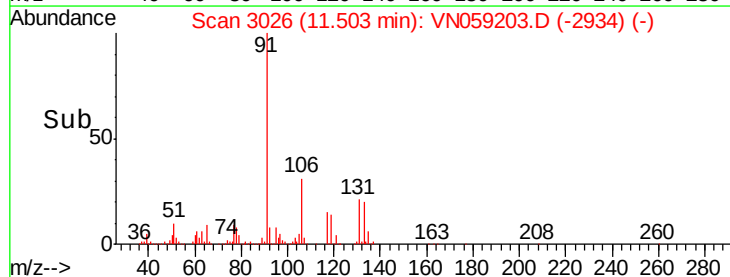
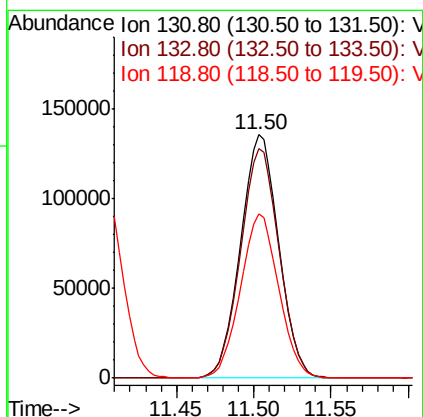
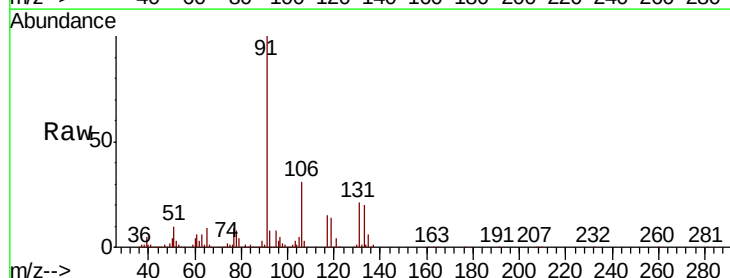
Instrument :
MSVOA_N
ClientSampled :

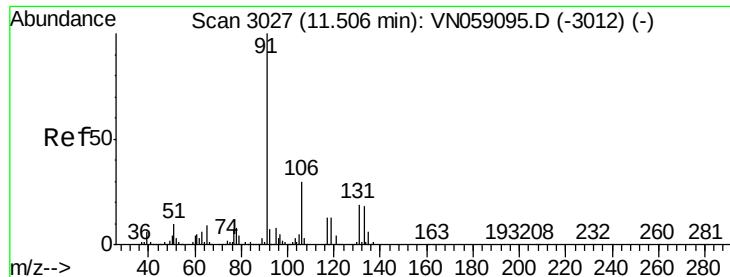
Tot Ion:112 Resp: 617262
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.339 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion:131 Resp: 233360
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.3
119 67.7 33.2 99.6





#67

Ethyl Benzene

Concen: 51.939 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

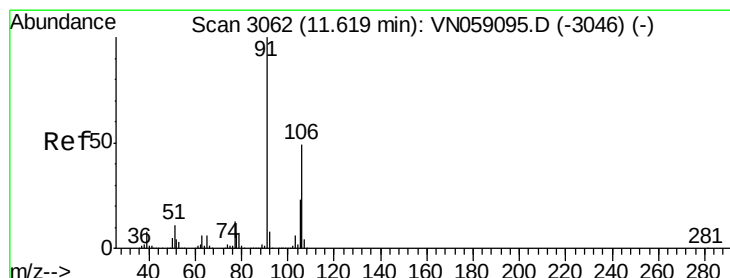
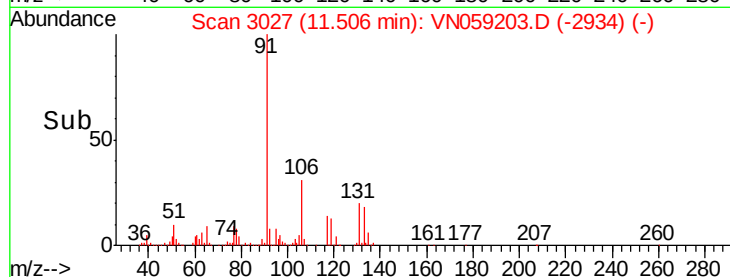
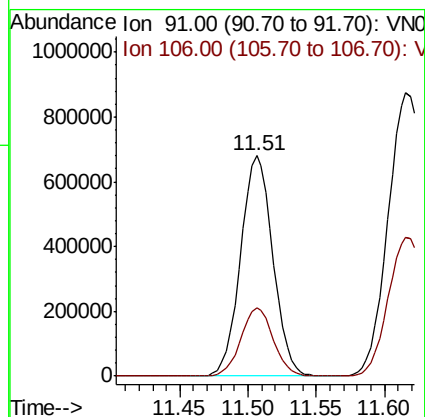
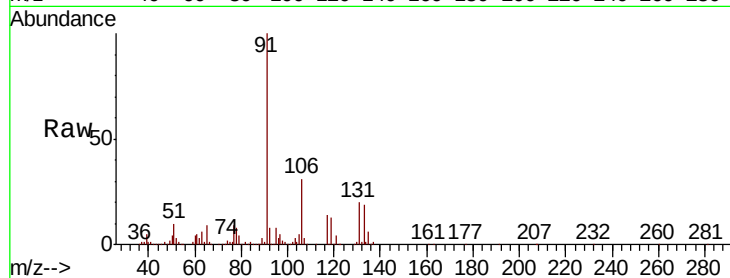
ClientSampled :

Tot Ion: 91 Resp: 1116633

Ion Ratio Lower Upper

91 100

106 30.9 24.1 36.1



#68

m/p-Xylenes

Concen: 103.093 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059203.D

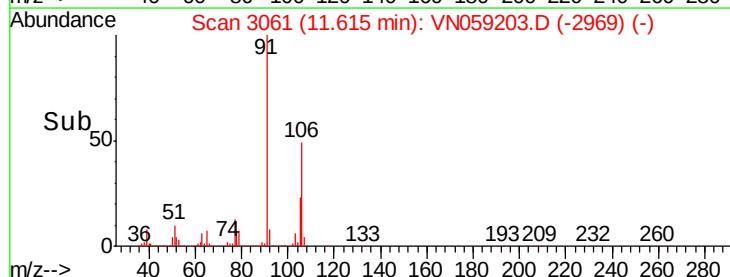
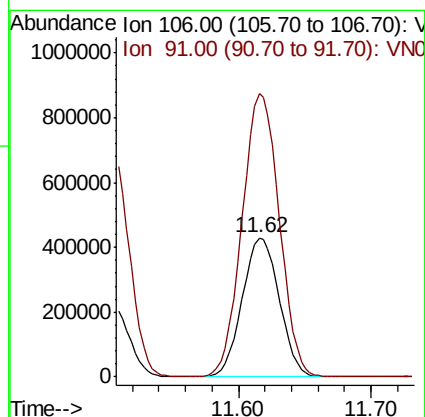
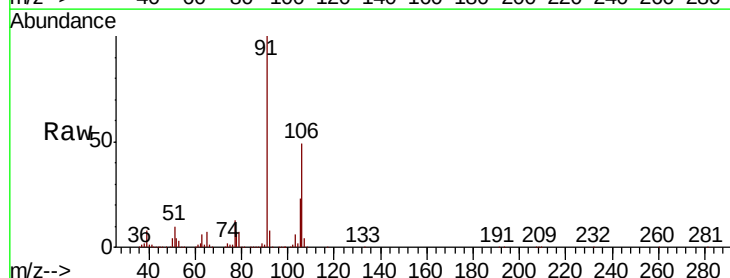
Acq: 12 Nov 2019 19:53

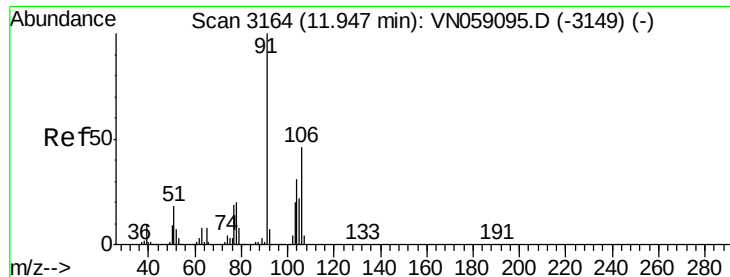
Tgt Ion: 106 Resp: 830232

Ion Ratio Lower Upper

106 100

91 205.1 164.7 247.1

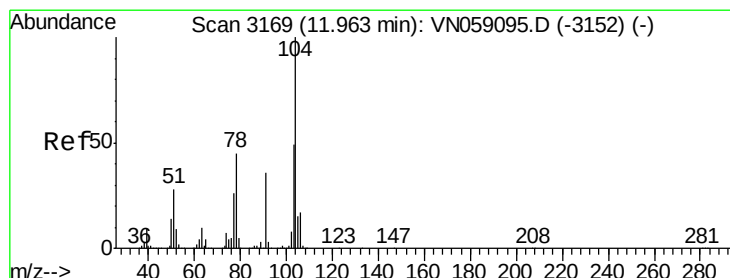
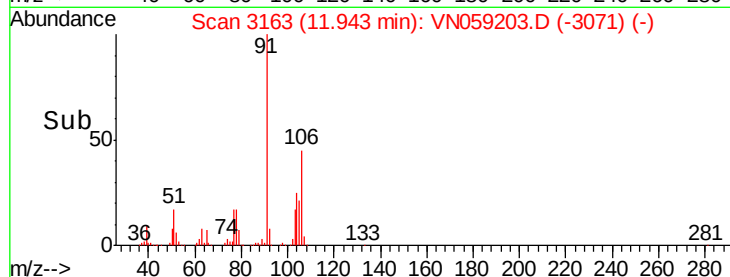
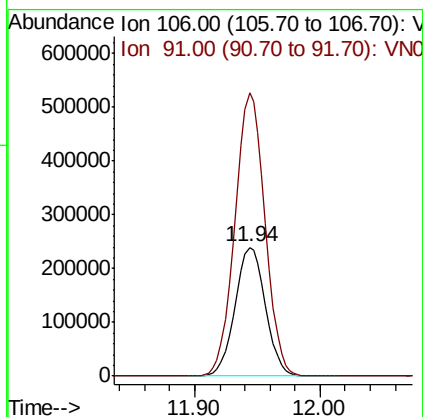
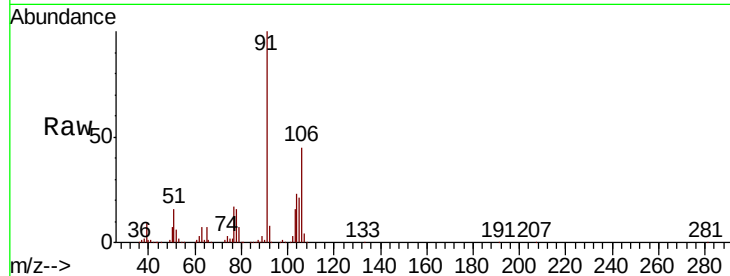




#69
o-Xylene
Concen: 51.627 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

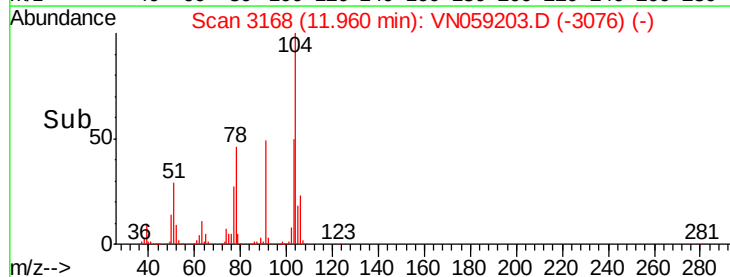
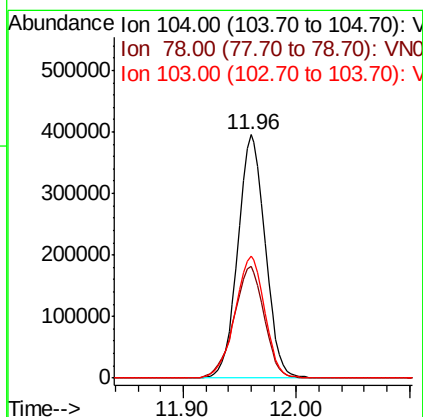
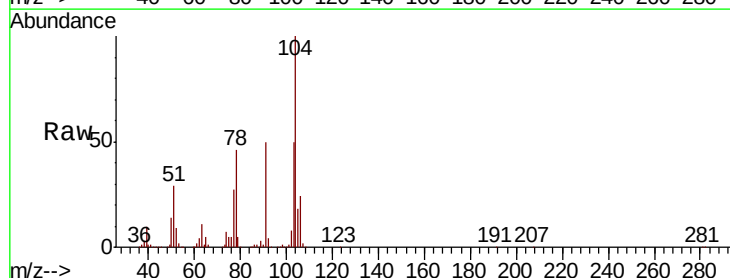
Instrument :
MSVOA_N
ClientSampled :

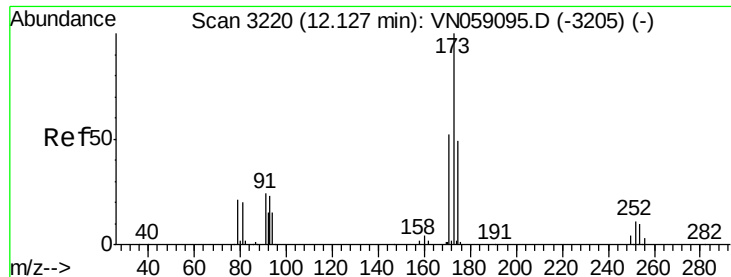
Tot Ion:106 Resp: 401795
Ion Ratio Lower Upper
106 100
91 218.0 110.1 330.3



#70
Styrene
Concen: 54.474 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion:104 Resp: 666760
Ion Ratio Lower Upper
104 100
78 50.6 41.2 61.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 52.979 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

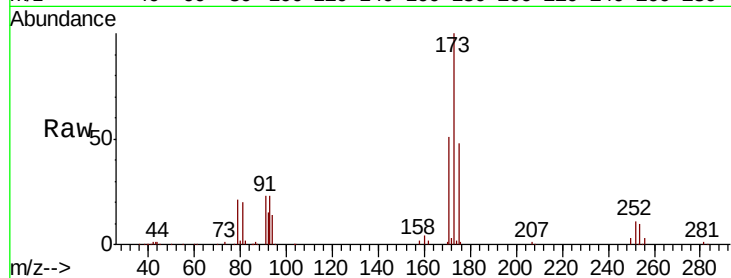
Tot Ion:173 Resp: 187315

Ion Ratio Lower Upper

173 100

175 47.7 24.2 72.6

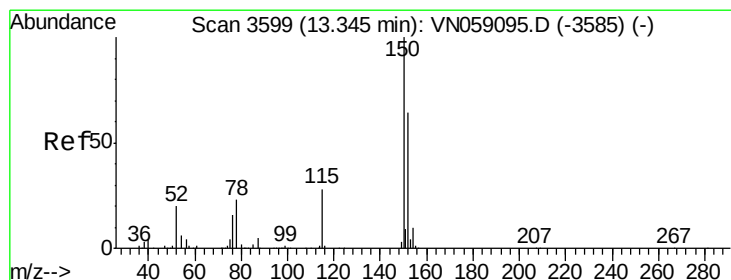
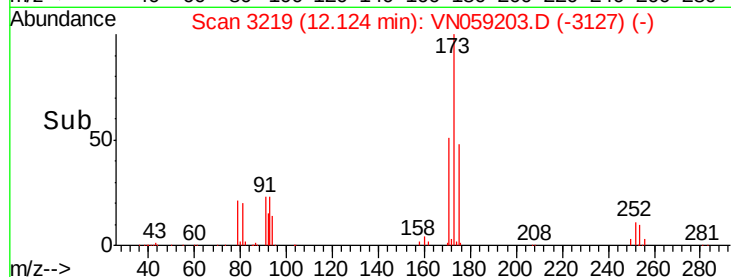
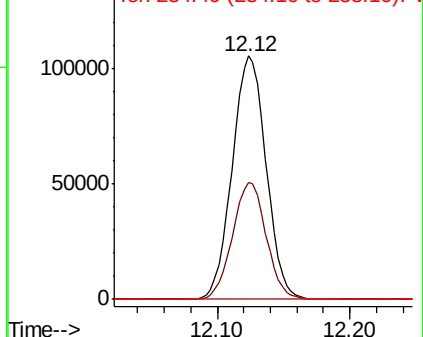
254 0.1 0.1 0.1



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: VN059203.D

Acq: 12 Nov 2019 19:53

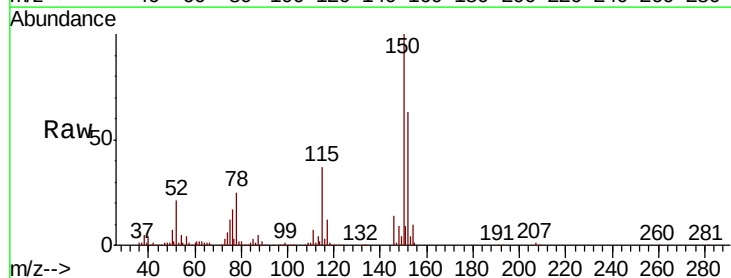
Tgt Ion:152 Resp: 298572

Ion Ratio Lower Upper

152 100

115 59.2 29.4 88.2

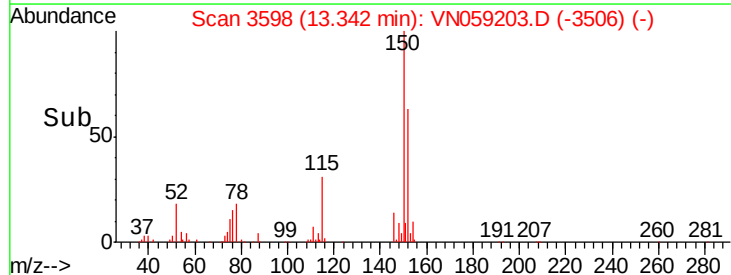
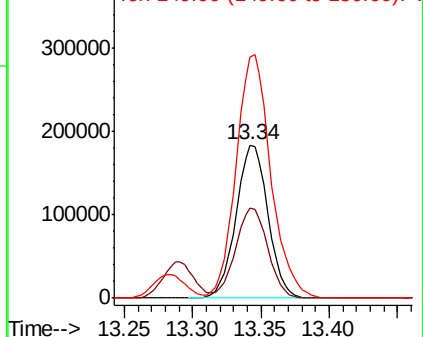
150 173.0 0.0 345.8

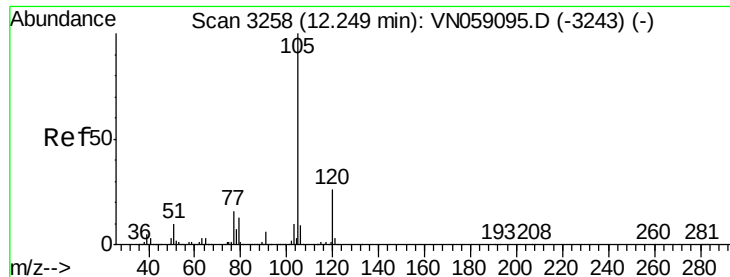


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.830 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

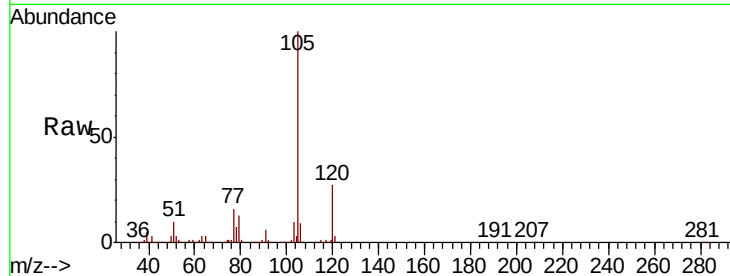
ClientSampleId :

Tot Ion:105 Resp: 1082220

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

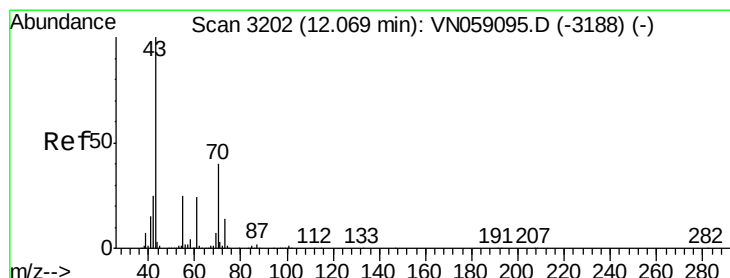
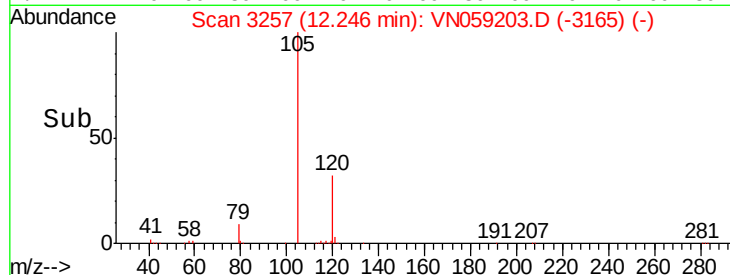
400000

200000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 51.658 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Tgt Ion: 43 Resp: 475397

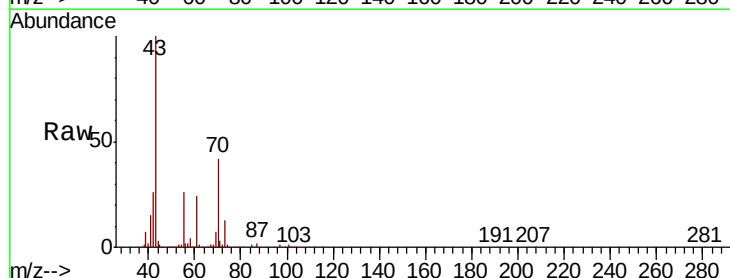
Ion Ratio Lower Upper

43 100

70 41.6 32.2 48.4

55 25.8 20.4 30.6

61 24.5 19.3 28.9



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

400000

300000

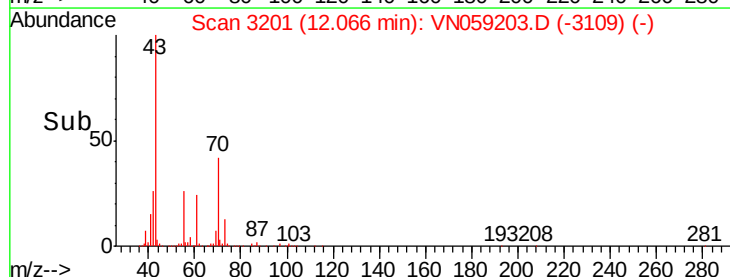
200000

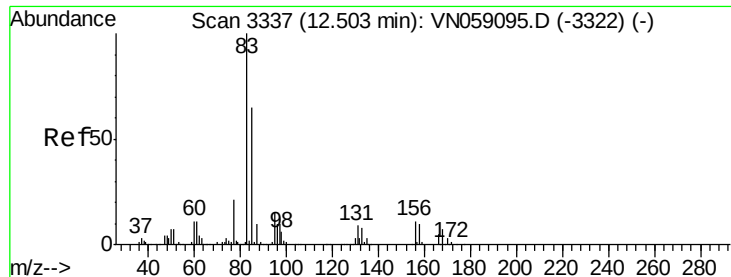
100000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 49.767 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

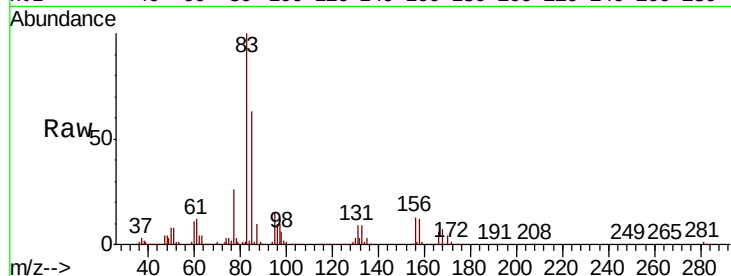
Tot Ion: 83 Resp: 368083

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

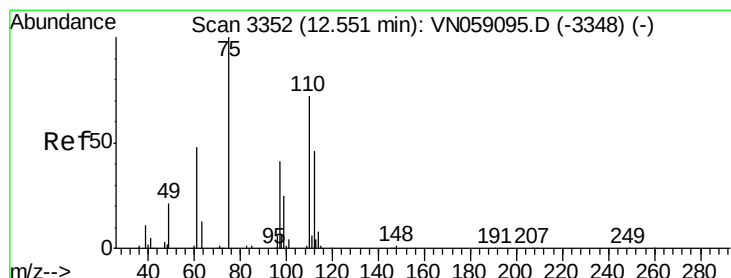
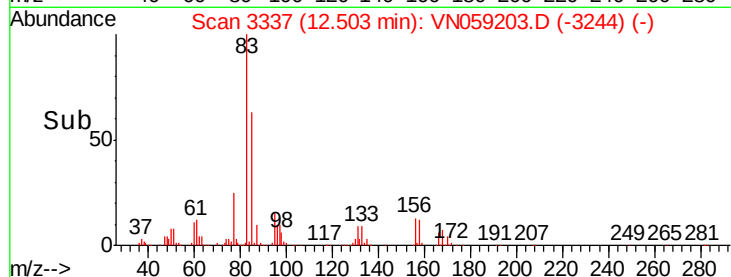
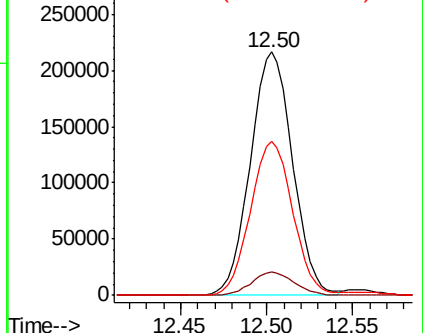
85 63.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059203.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059203.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059203.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 70.912 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN059203.D

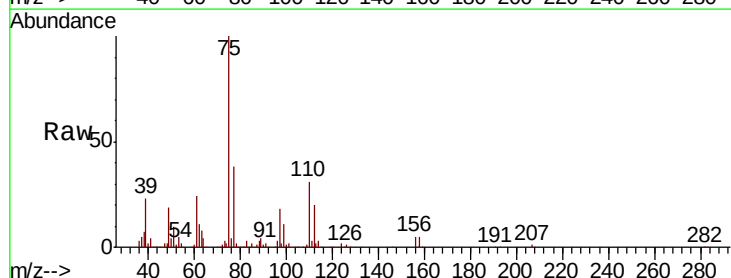
Acq: 12 Nov 2019 19:53

Tgt Ion: 75 Resp: 482022

Ion Ratio Lower Upper

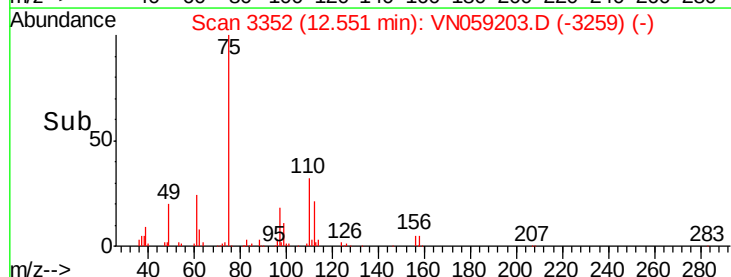
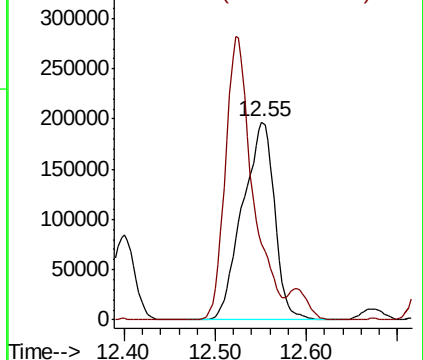
75 100

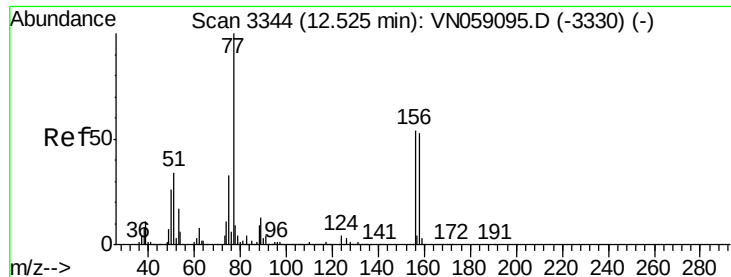
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059203.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059203.D (-3259) (-)





#77

Bromobenzene

Concen: 48.529 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

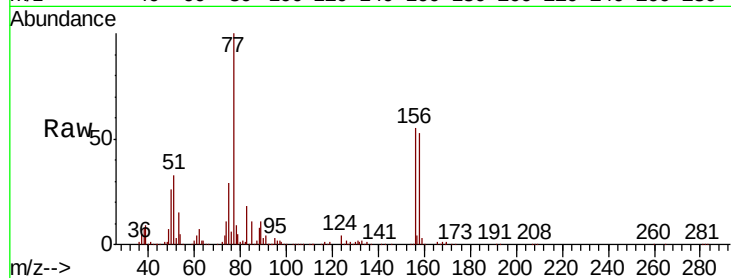
Tot Ion:156 Resp: 264798

Ion Ratio Lower Upper

156 100

77 224.2 112.8 338.3

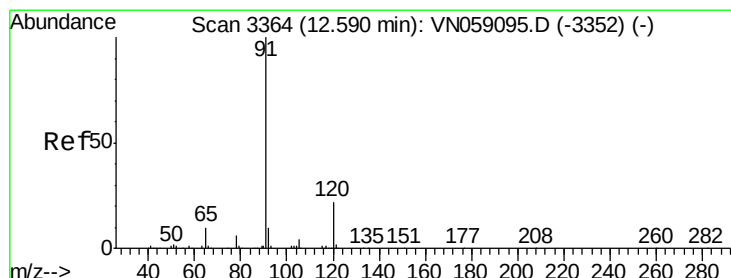
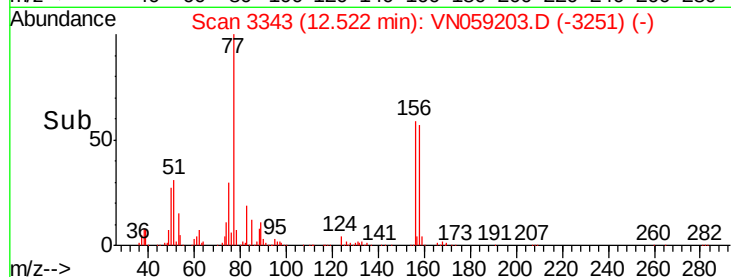
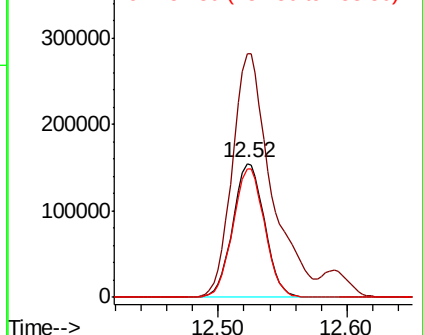
158 96.3 48.4 145.3



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: 51.265 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059203.D

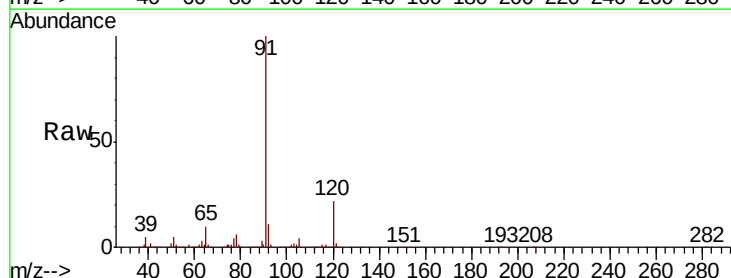
Acq: 12 Nov 2019 19:53

Tgt Ion: 91 Resp: 1274824

Ion Ratio Lower Upper

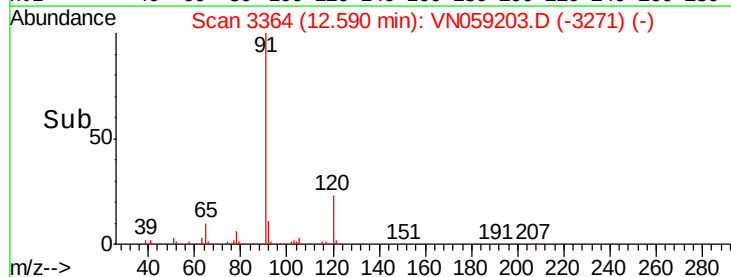
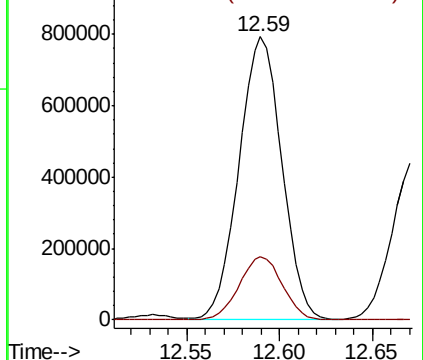
91 100

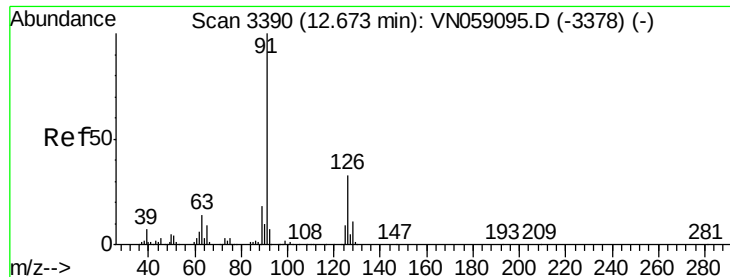
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.408 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

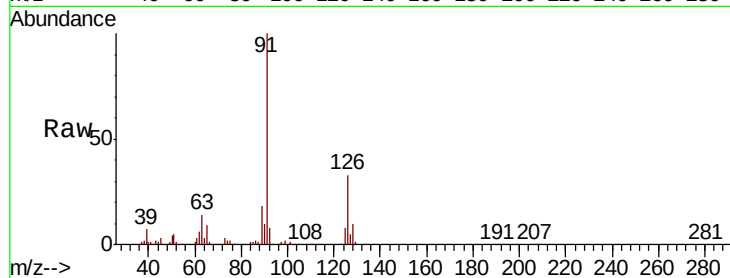
ClientSampled :

Tot Ion: 91 Resp: 762194

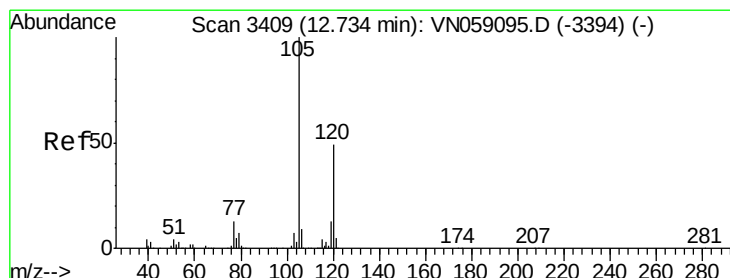
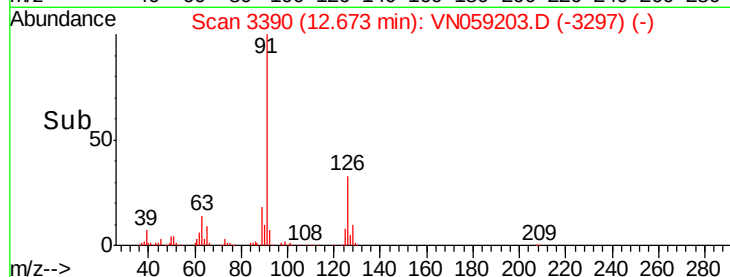
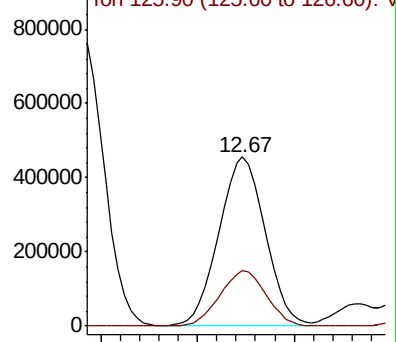
Ion Ratio Lower Upper

91 100

126 32.9 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.201 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059203.D

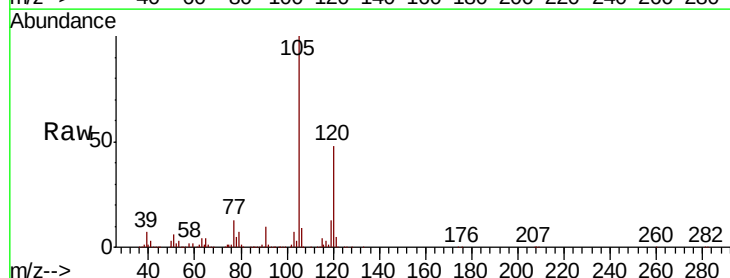
Acq: 12 Nov 2019 19:53

Tgt Ion: 105 Resp: 923844

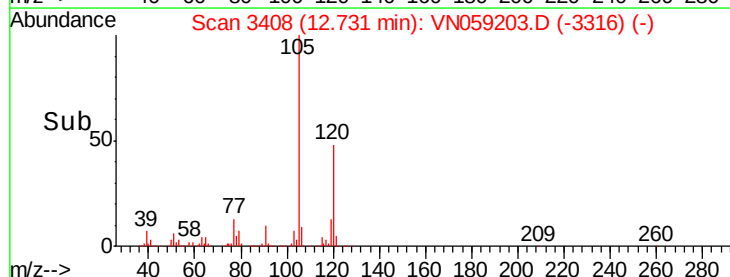
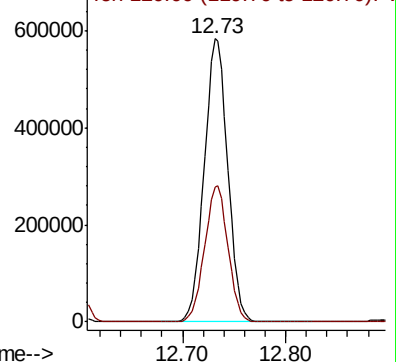
Ion Ratio Lower Upper

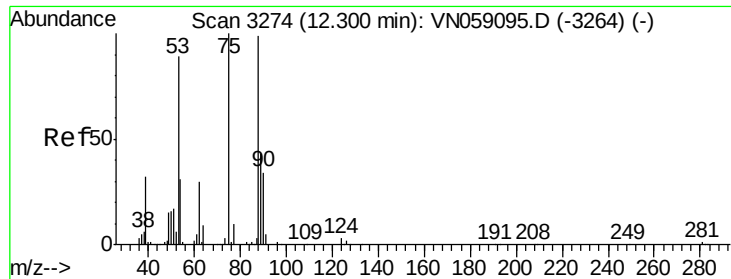
105 100

120 48.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.774 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

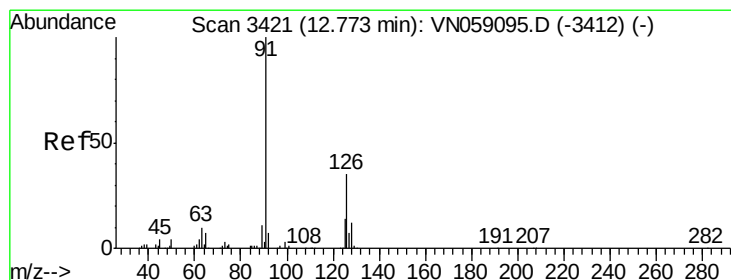
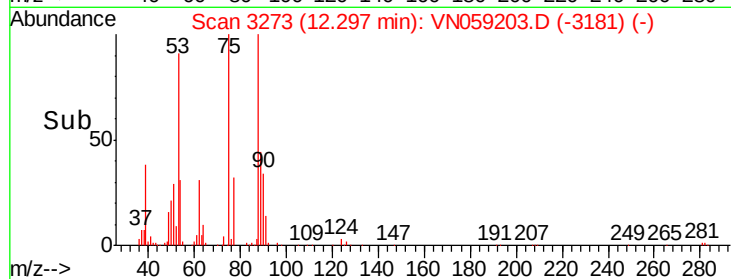
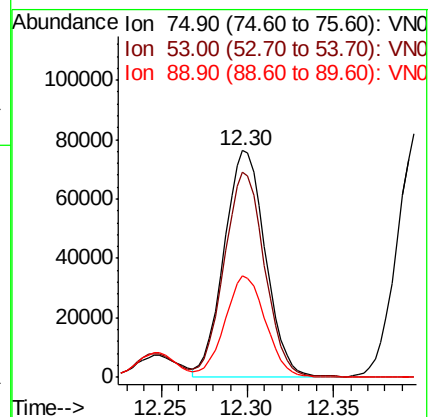
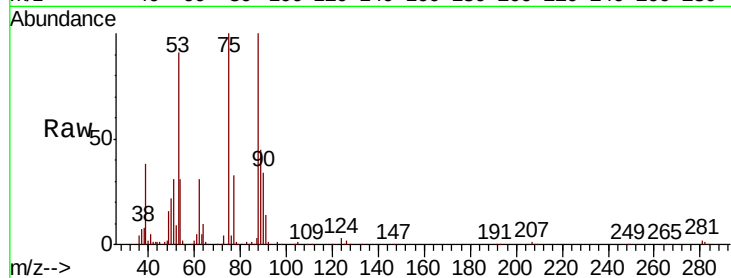
Tot Ion: 75 Resp: 128097

Ion Ratio Lower Upper

75 100

53 89.1 72.2 108.2

89 44.2 35.8 53.8



#82

4-Chlorotoluene

Concen: 50.133 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059203.D

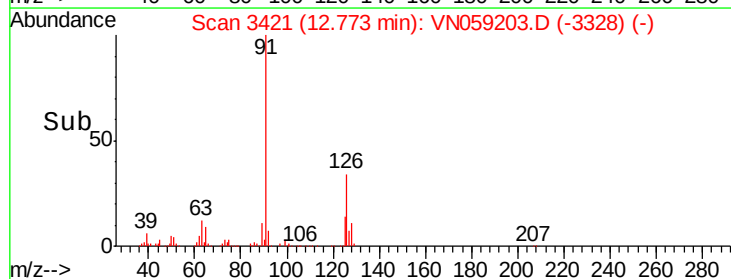
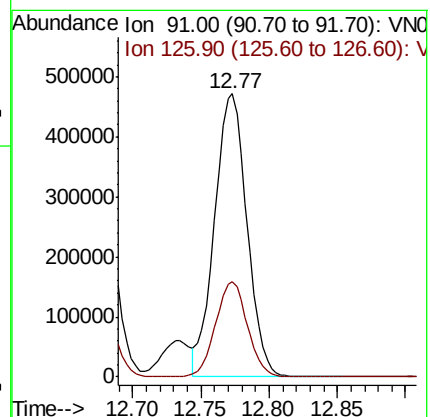
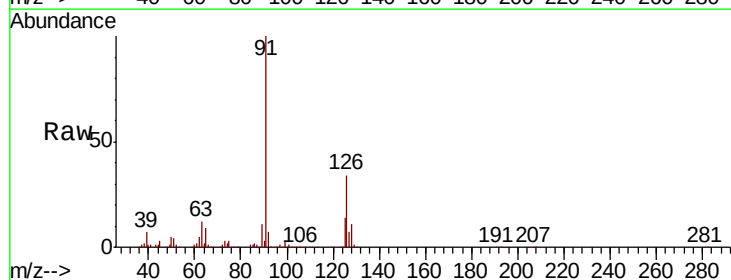
Acq: 12 Nov 2019 19:53

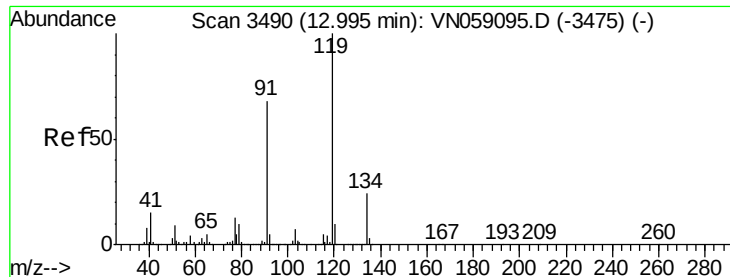
Tgt Ion: 91 Resp: 775674

Ion Ratio Lower Upper

91 100

126 32.9 16.1 48.2

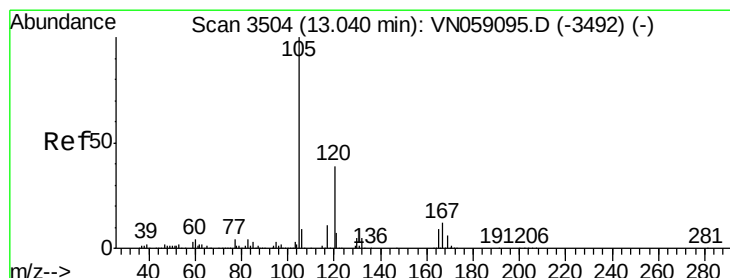
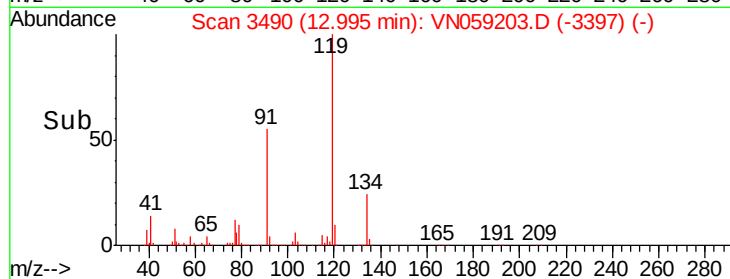
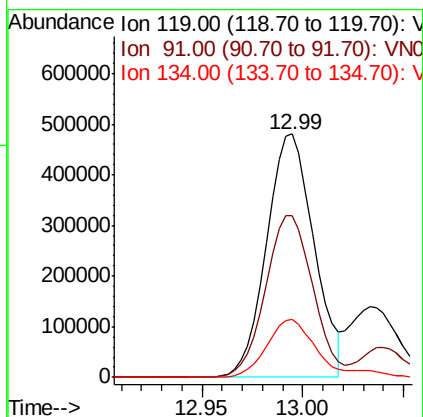
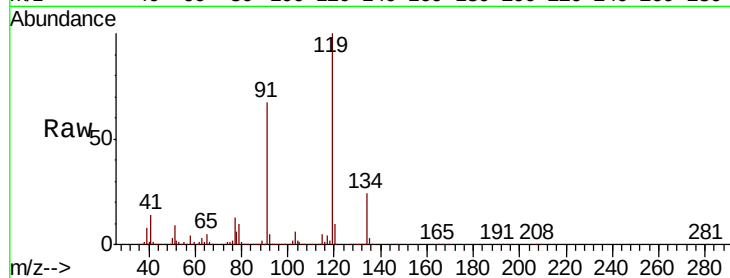




#83
 tert-Butylbenzene
 Concen: 49.351 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

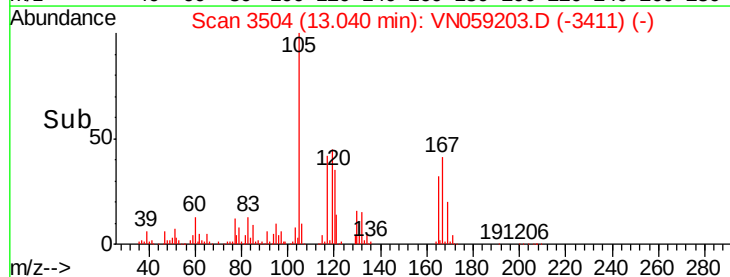
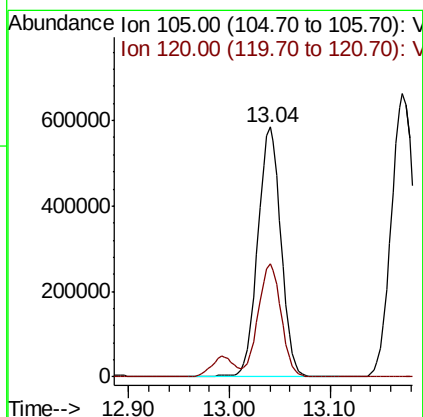
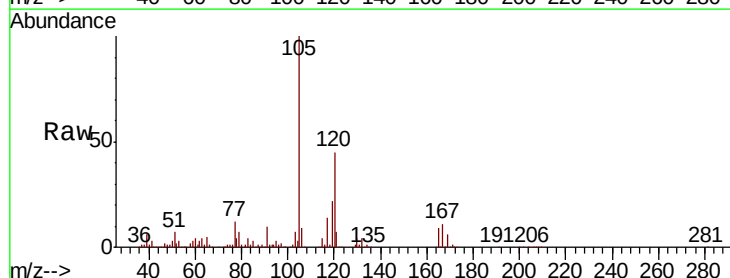
Instrument :
 MSVOA_N
 ClientSampled :

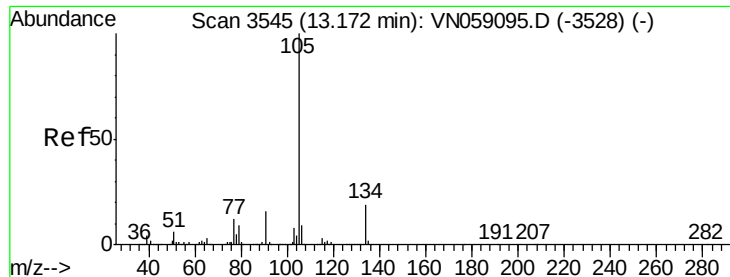
Tot Ion:119 Resp: 784314
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.2 99.6
 134 24.0 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.117 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion:105 Resp: 927934
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 51.206 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

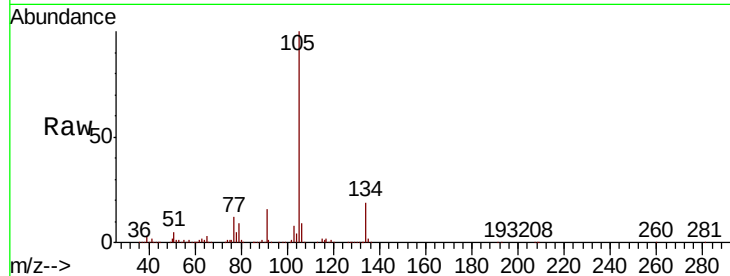
ClientSampled :

Tot Ion:105 Resp: 1058360

Ion Ratio Lower Upper

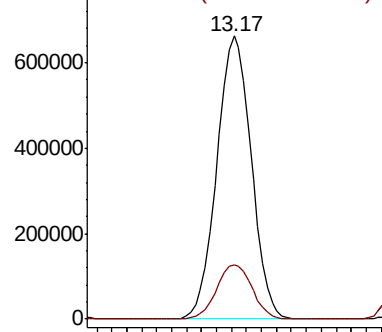
105 100

134 19.7 9.7 29.1

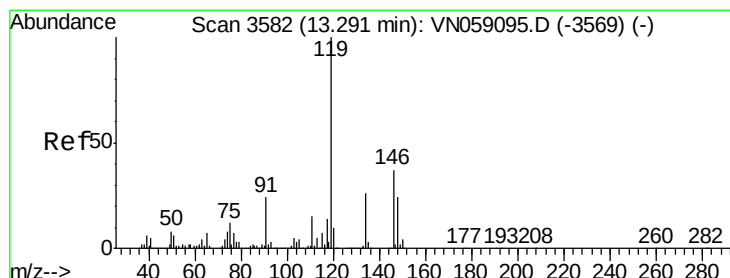
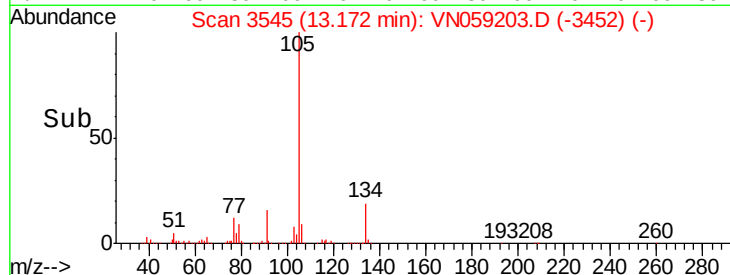


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 52.703 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

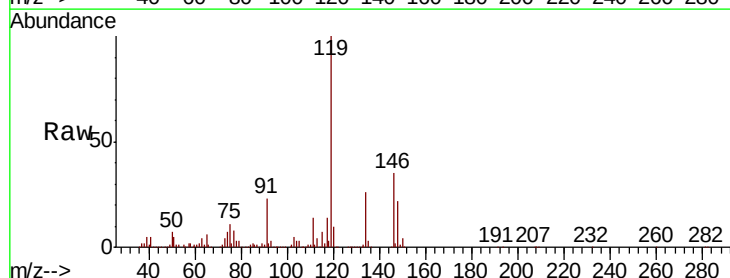
Tgt Ion:119 Resp: 961830

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

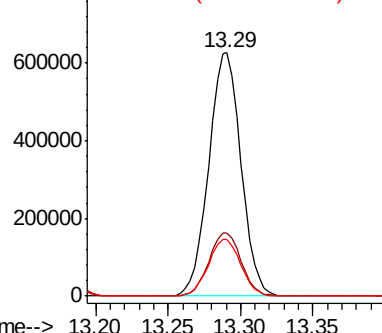
91 23.6 11.7 35.1



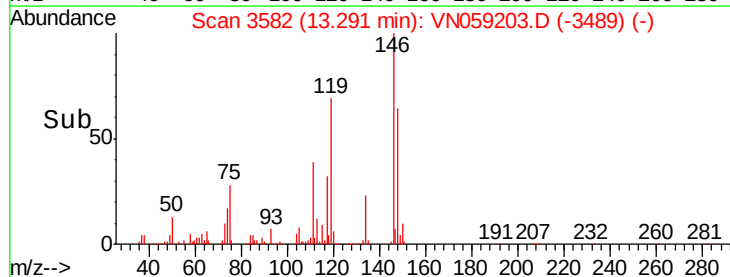
Abundance Ion 119.00 (118.70 to 119.70): V

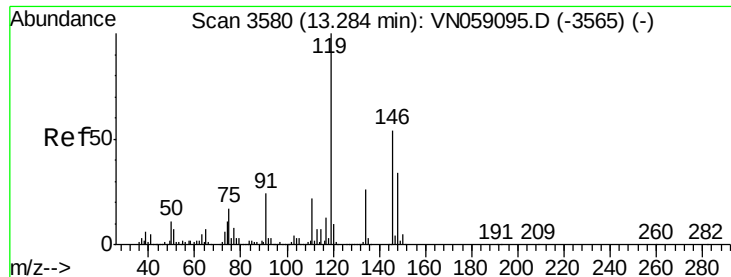
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

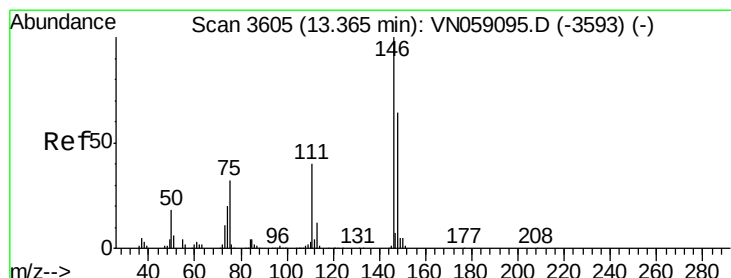
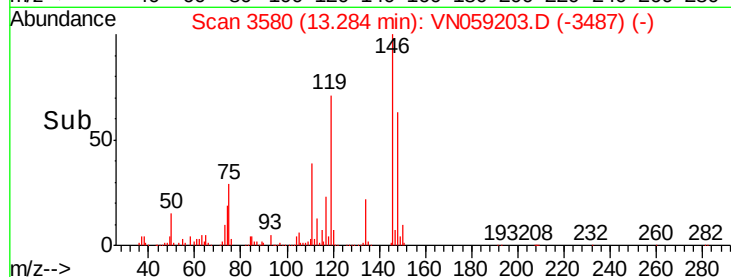
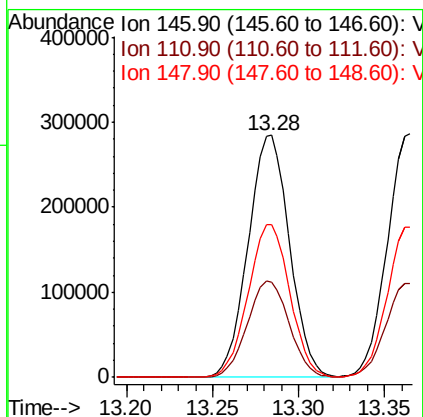
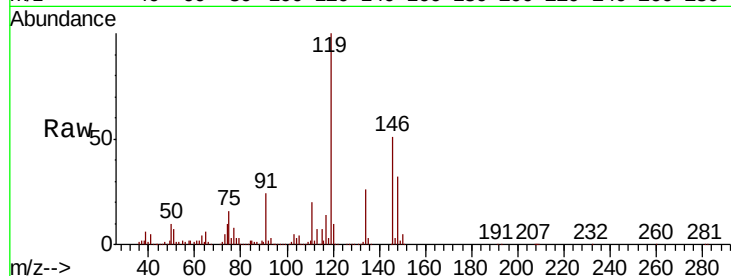




#87
 1,3-Dichlorobenzene
 Concen: 50.762 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

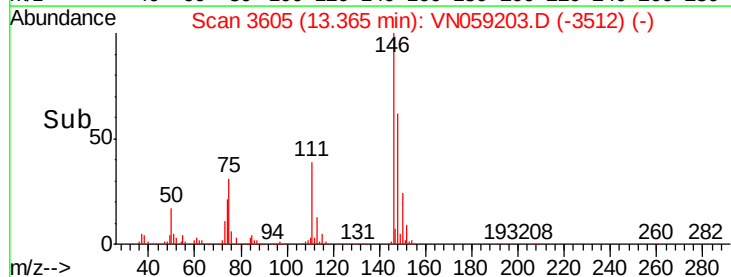
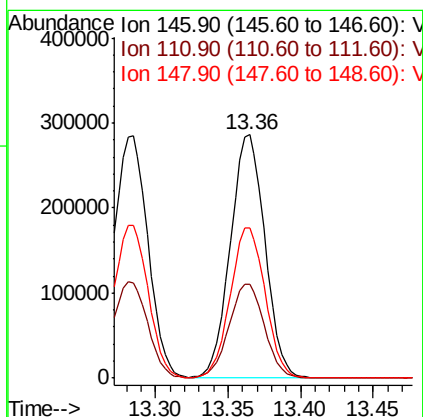
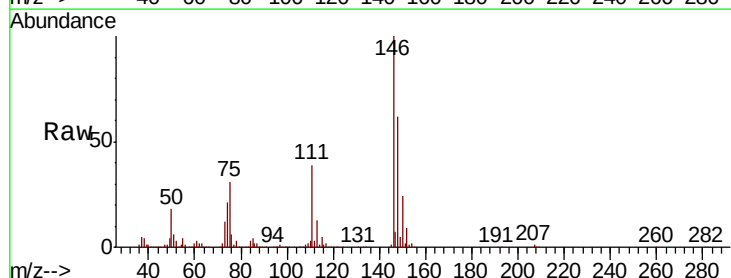
Instrument :
 MSVOA_N
 ClientSampled :

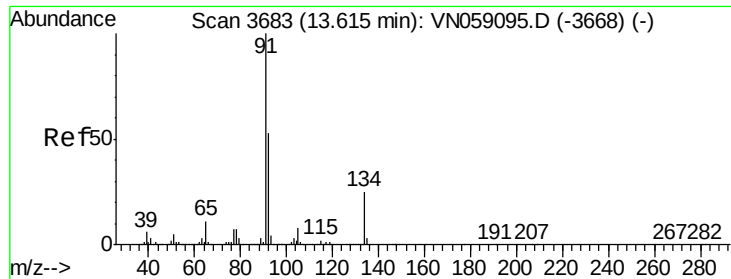
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.4	61.3
148	63.6	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.526 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	62.2	31.9	95.7

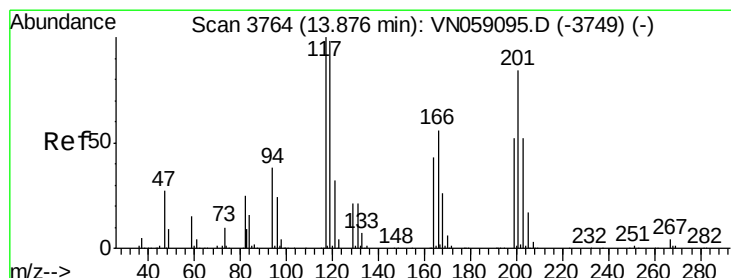
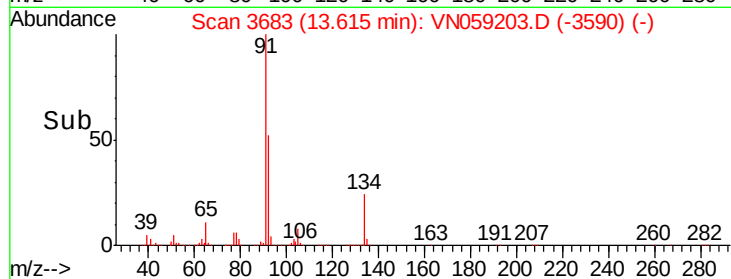
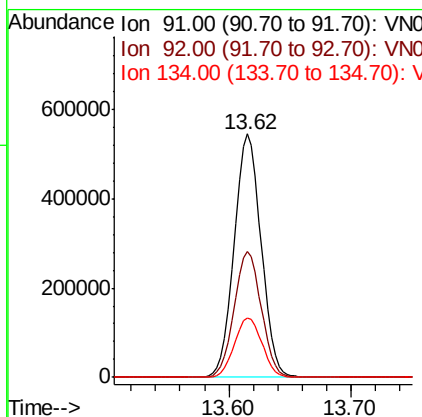
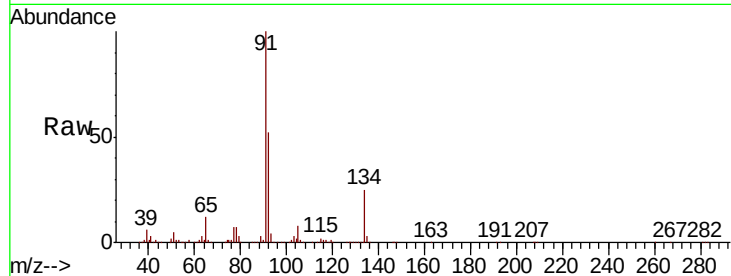




#89
n-Butylbenzene
Concen: 52.195 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

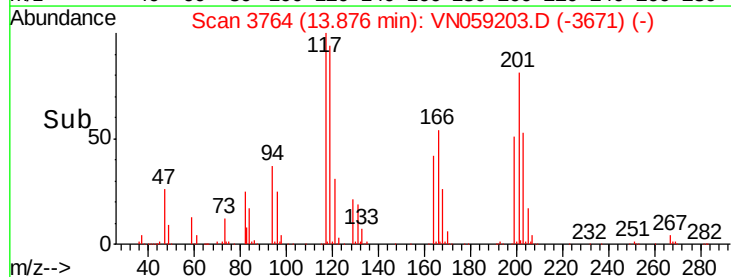
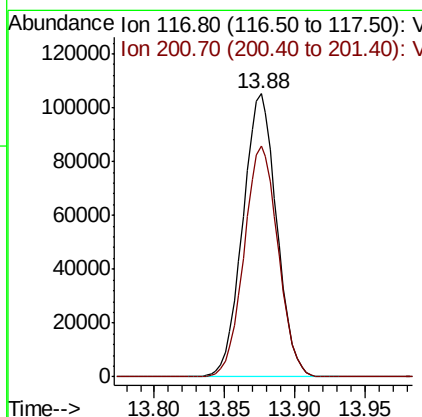
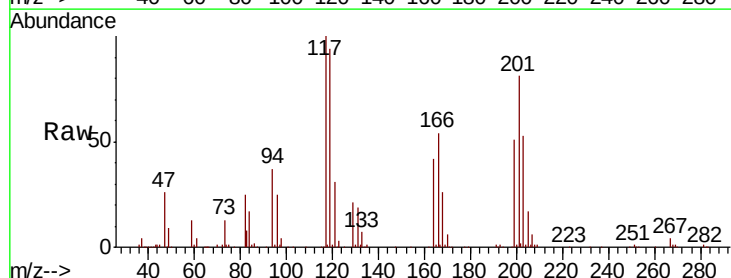
Instrument :
MSVOA_N
ClientSampleId :

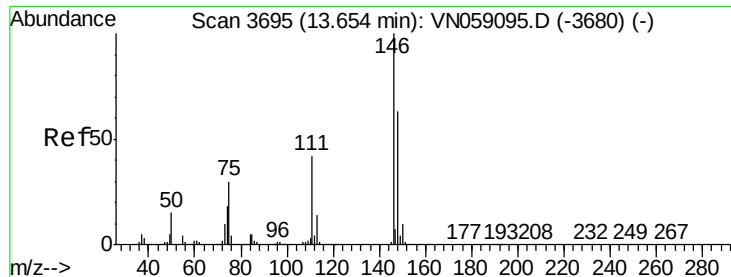
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	25.1	12.6	37.8



#90
Hexachloroethane
Concen: 48.388 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	41.8	125.3





#91

1,2-Dichlorobenzene

Concen: 50.652 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

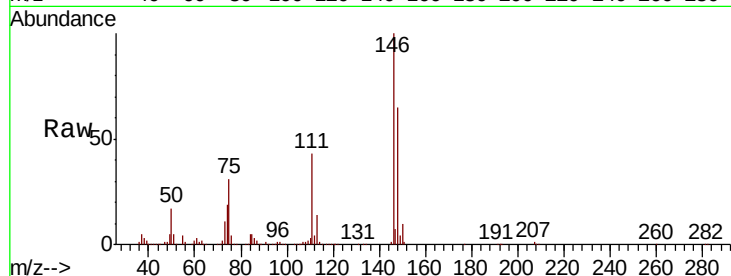
Tot Ion:146 Resp: 465570

Ion Ratio Lower Upper

146 100

111 42.8 21.2 63.6

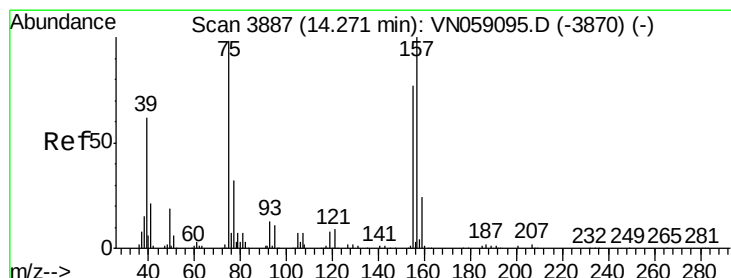
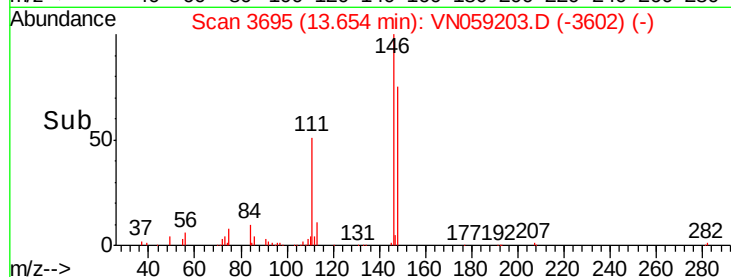
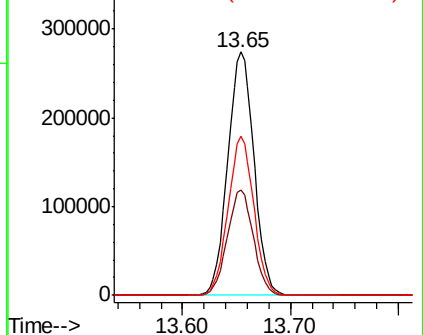
148 64.1 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.690 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN059203.D

Acq: 12 Nov 2019 19:53

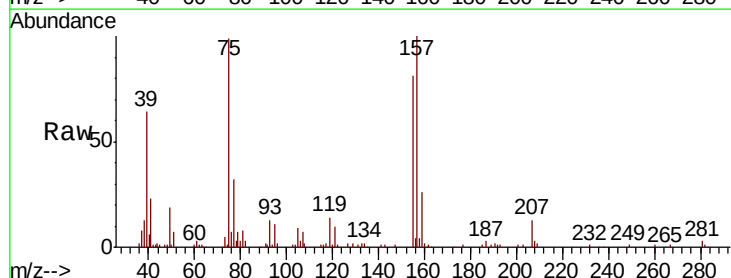
Tgt Ion: 75 Resp: 71845

Ion Ratio Lower Upper

75 100

155 82.3 40.2 120.6

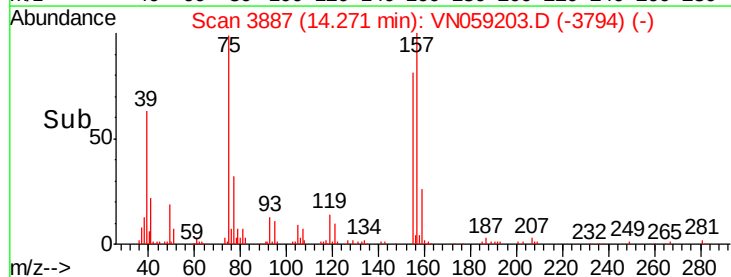
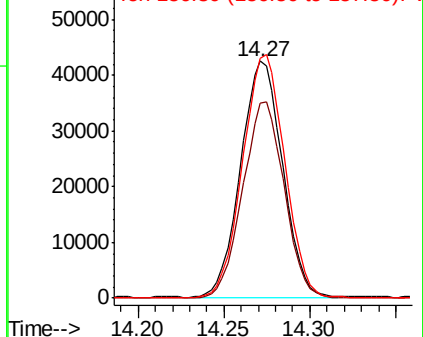
157 103.8 51.8 155.5

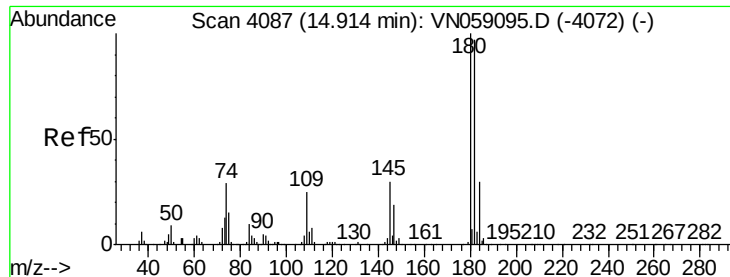


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

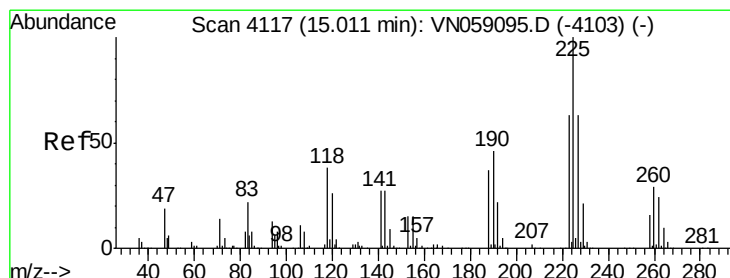
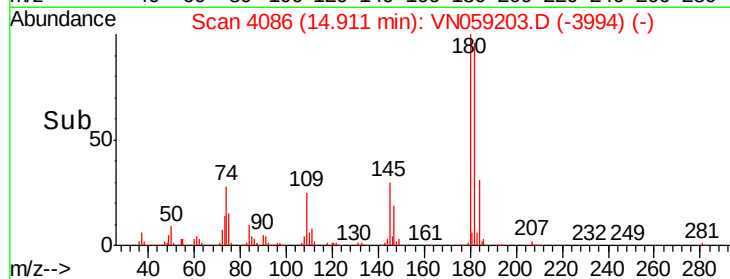
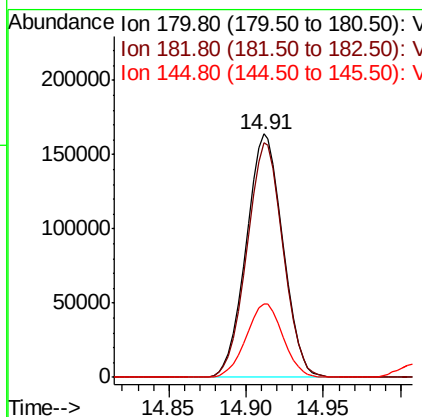
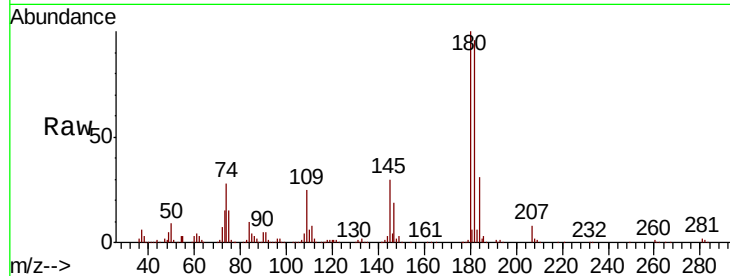




#93
 1,2,4-Trichlorobenzene
 Concen: 48.509 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

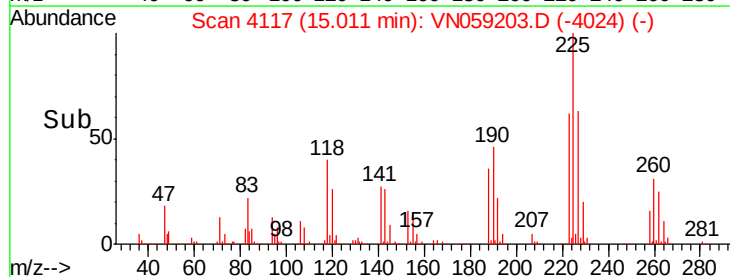
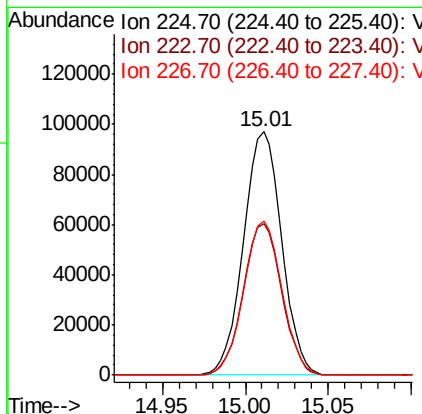
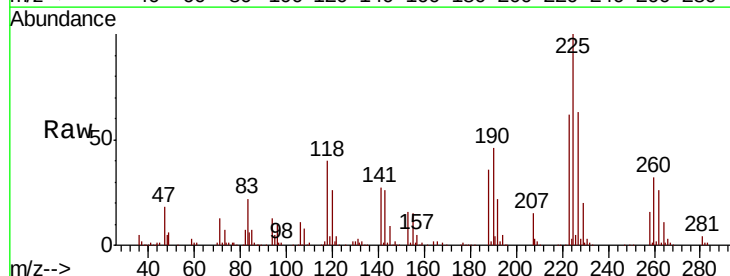
Instrument :
 MSVOA_N
 ClientSampled :

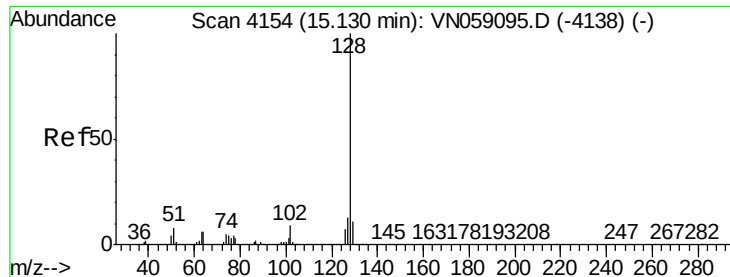
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.1	144.3
145	30.5	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 49.089 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059203.D
 Acq: 12 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.9
227	63.2	31.5	94.5

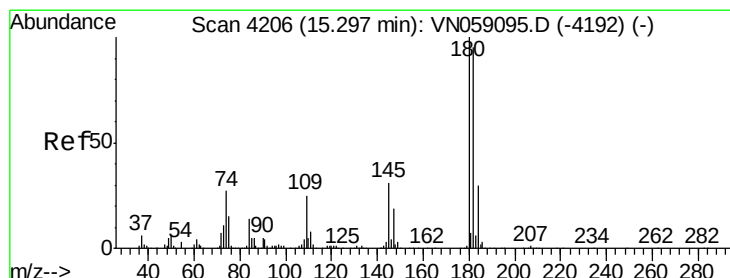
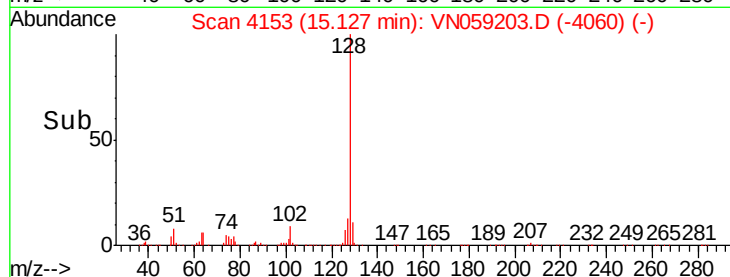
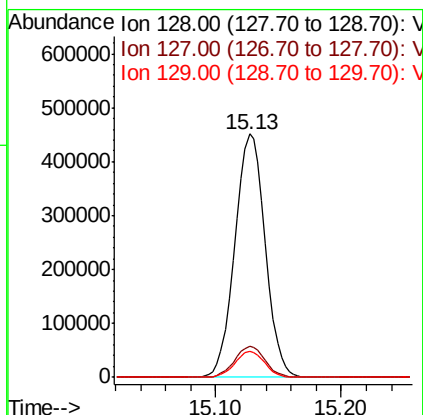
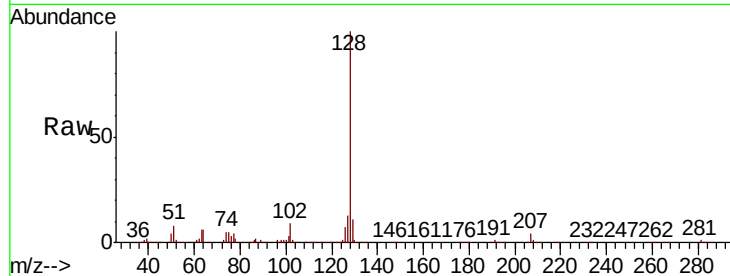




#95
Naphthalene
Concen: 49.000 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.6	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.541 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059203.D
Acq: 12 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.8
145	31.8	15.8	47.3

