

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059304.D
 Acq On : 19 Nov 2019 13:51
 Operator : JC/SP
 Sample : VN1119MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:46:06 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	7.65	168	356281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	558650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	498072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225424	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	203482	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
35) Dibromofluoromethane	7.57	113	163576	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	10.08	98	611195	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	12.40	95	222031	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	110758	30.855	ug/l	99
3) Chloromethane	2.04	50	127942	26.220	ug/l	99
4) Vinyl Chloride	2.17	62	134277	28.383	ug/l	100
5) Bromomethane	2.55	94	70618	25.939	ug/l	95
6) Chloroethane	2.68	64	69128	24.702	ug/l	98
7) Trichlorofluoromethane	3.00	101	133071	23.516	ug/l	99
8) Diethyl Ether	3.39	74	56373	24.518	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	82713	24.243	ug/l	99
10) Methyl Iodide	3.93	142	96353	22.816	ug/l	99
11) Tert butyl alcohol	4.75	59	97759	117.124	ug/l	100
12) 1,1-Dichloroethene	3.71	96	83028	24.982	ug/l	97
13) Acrolein	3.58	56	35730	83.029	ug/l	99
14) Allyl chloride	4.30	41	156740	22.959	ug/l	99
15) Acrylonitrile	4.96	53	247789	119.291	ug/l	99
16) Acetone	3.79	43	205338	90.160	ug/l	100
17) Carbon Disulfide	4.03	76	262908	25.483	ug/l	99
18) Methyl Acetate	4.30	43	138382	25.599	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	277170	24.223	ug/l	99
20) Methylene Chloride	4.53	84	92590	23.336	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	86895	24.357	ug/l	94
22) Diisopropyl ether	5.92	45	297838	23.097	ug/l	96
23) Vinyl Acetate	5.87	43	1187334	118.805	ug/l	99
24) 1,1-Dichloroethane	5.82	63	168584	23.407	ug/l	98
25) 2-Butanone	6.81	43	323303	107.711	ug/l	99
26) 2,2-Dichloropropane	6.80	77	142785	22.672	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	99743	24.099	ug/l	98
28) Bromochloromethane	7.17	49	38709	17.864	ug/l	95
29) Tetrahydrofuran	7.19	42	223746	117.316	ug/l	96
30) Chloroform	7.35	83	163397	23.650	ug/l	98
31) Cyclohexane	7.63	56	162885	23.889	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	138754	23.887	ug/l	99
36) 1,1-Dichloropropene	7.77	75	125852	24.101	ug/l	100
37) Ethyl Acetate	6.91	43	136851	23.558	ug/l	99
38) Carbon Tetrachloride	7.75	117	120374	23.161	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	153433	25.318	ug/l	97
40) Benzene	8.02	78	377043	23.978	ug/l	99
41) Methacrylonitrile	7.18	41	194355	76.941	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	125788	23.324	ug/l	98
43) Isopropyl Acetate	8.15	43	205920	22.235	ug/l	99
44) Trichloroethene	8.82	130	93916	24.297	ug/l	97
45) 1,2-Dichloropropane	9.10	63	99776	23.361	ug/l	99
46) Dibromomethane	9.19	93	59649	22.412	ug/l	96
47) Bromodichloromethane	9.39	83	122371	23.026	ug/l	98
48) Methyl methacrylate	9.18	41	91198	22.015	ug/l	97
49) 1,4-Dioxane	9.19	88	31449	427.195	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	653942	124.795	ug/l	100
52) Toluene	10.15	92	228476	24.242	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	139808	22.770	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	154278	23.359	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	88927	23.314	ug/l	98
56) Ethyl methacrylate	10.42	69	130718	21.651	ug/l	98
57) 1,3-Dichloropropane	10.70	76	153163	23.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	213386	100.523	ug/l	99
59) 2-Hexanone	10.74	43	471560	117.243	ug/l	99
60) Dibromochloromethane	10.90	129	90959	22.555	ug/l	97
61) 1,2-Dibromoethane	11.00	107	91253	23.633	ug/l	99
64) Tetrachloroethene	10.63	164	81565	24.083	ug/l	97
65) Chlorobenzene	11.43	112	235599	24.265	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	86183	23.662	ug/l	99
67) Ethyl Benzene	11.51	91	426539	24.760	ug/l	100
68) m/p-Xylenes	11.62	106	314429	48.727	ug/l	99
69) o-Xylene	11.95	106	150793	24.181	ug/l	99
70) Styrene	11.96	104	238132	24.280	ug/l	99
71) Bromoform	12.13	173	64708	22.840	ug/l #	98
73) Isopropylbenzene	12.25	105	407709	24.864	ug/l	99
74) N-amyl acetate	12.07	43	155873	22.434	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	134674	24.117	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	175016	34.102	ug/l #	100
77) Bromobenzene	12.53	156	97395	23.641	ug/l	97
78) n-propylbenzene	12.59	91	462282	24.622	ug/l	100
79) 2-Chlorotoluene	12.67	91	278903	23.946	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	343870	24.749	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43805	22.544	ug/l	98
82) 4-Chlorotoluene	12.77	91	278148	23.810	ug/l	98
83) tert-Butylbenzene	12.99	119	291435	24.288	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	335095	24.928	ug/l	99
85) sec-Butylbenzene	13.17	105	385585	24.709	ug/l	99
86) p-Isopropyltoluene	13.29	119	339480	24.638	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	167224	23.704	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	161414	22.868	ug/l	98
89) n-Butylbenzene	13.62	91	285631	23.685	ug/l	99
90) Hexachloroethane	13.88	117	62270	22.506	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	164691	23.732	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26309	23.629	ug/l	99

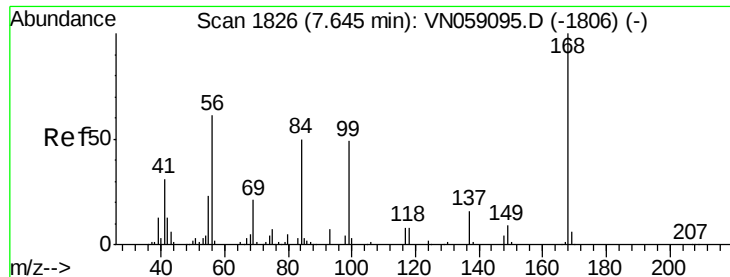
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	90690	23.273	ug/l	100
94) Hexachlorobutadiene	15.01	225	60546	25.303	ug/l	98
95) Naphthalene	15.13	128	247044	22.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	94552	24.312	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

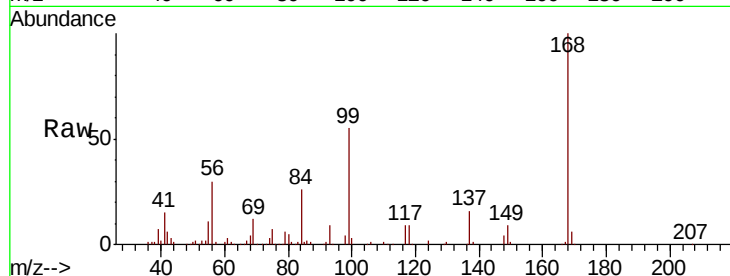
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 356281

Ion Ratio Lower Upper

168 100

99 55.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

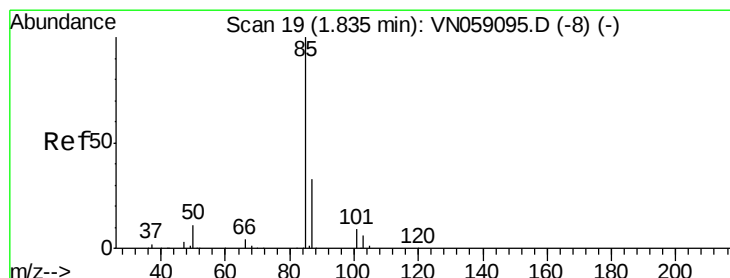
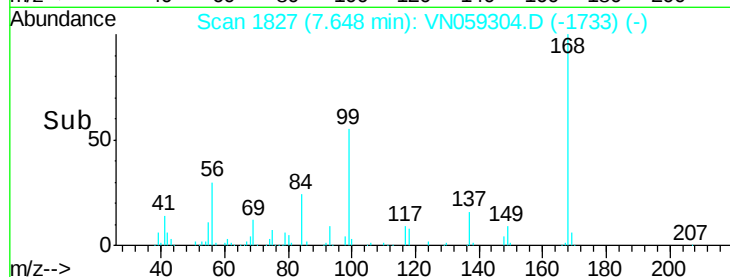
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 30.855 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059304.D

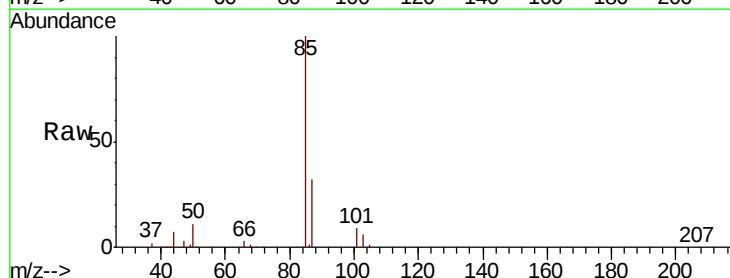
Acq: 19 Nov 2019 13:51

Tgt Ion: 85 Resp: 110758

Ion Ratio Lower Upper

85 100

87 32.0 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

80000

60000

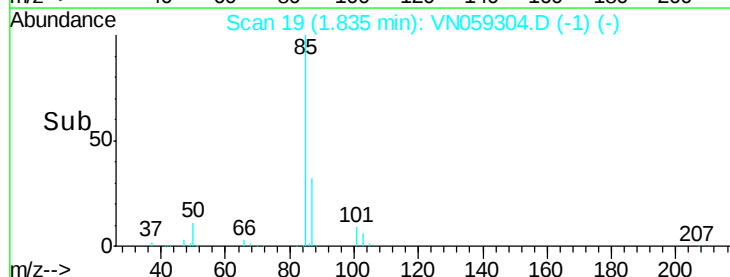
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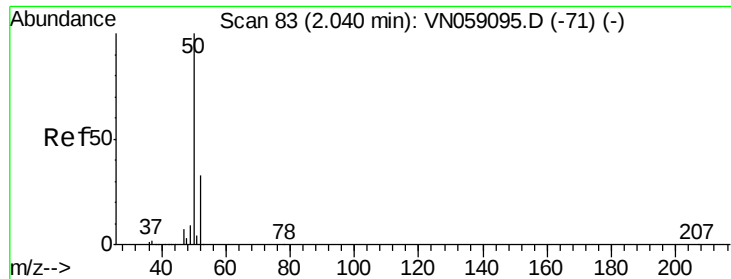
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 26.220 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

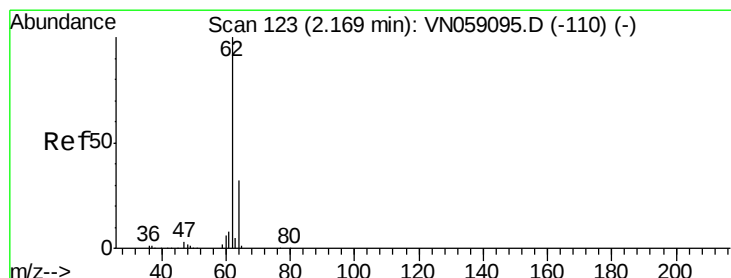
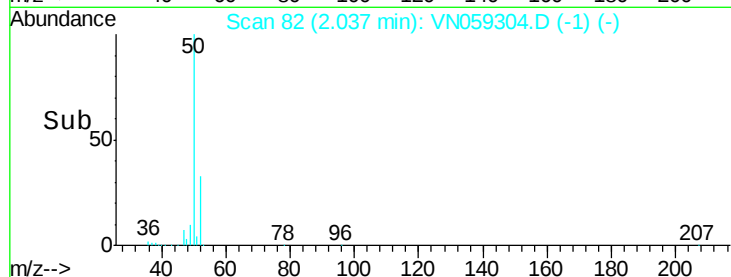
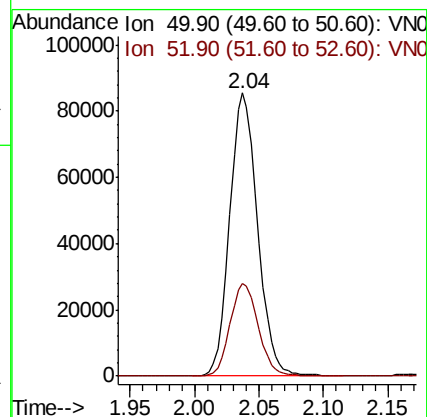
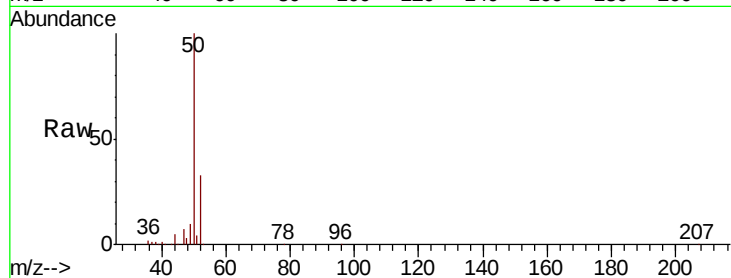
ClientSampleId :

Tot Ion: 50 Resp: 127942

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 28.383 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059304.D

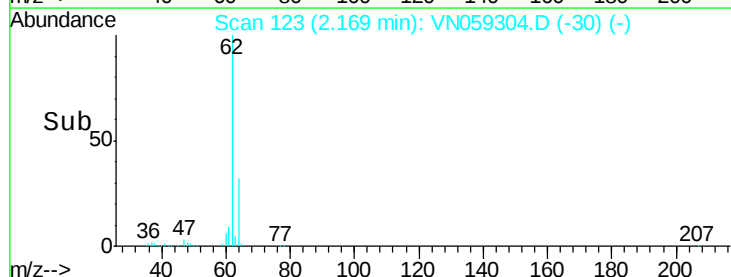
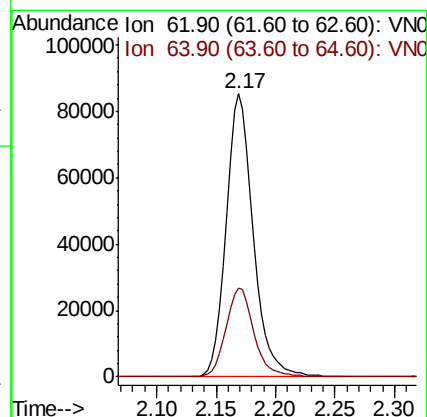
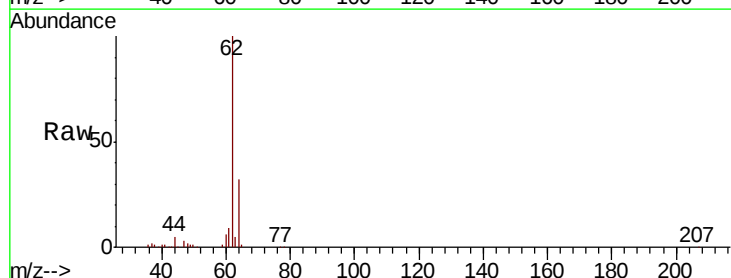
Acq: 19 Nov 2019 13:51

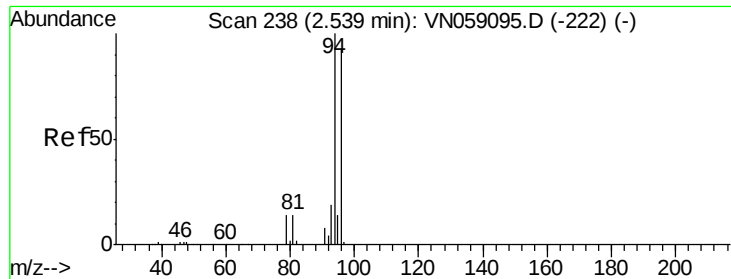
Tgt Ion: 62 Resp: 134277

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 25.939 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

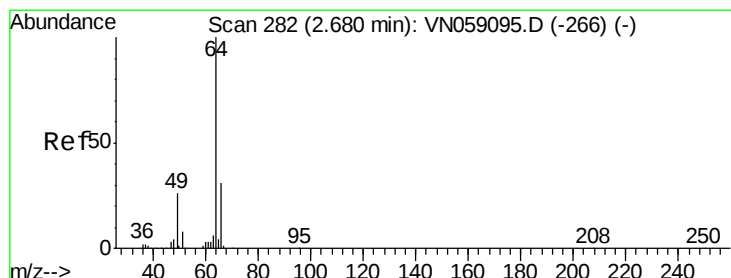
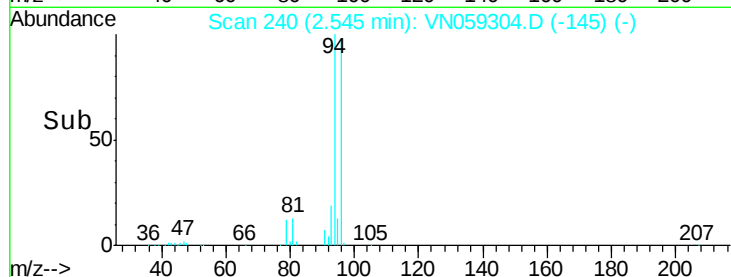
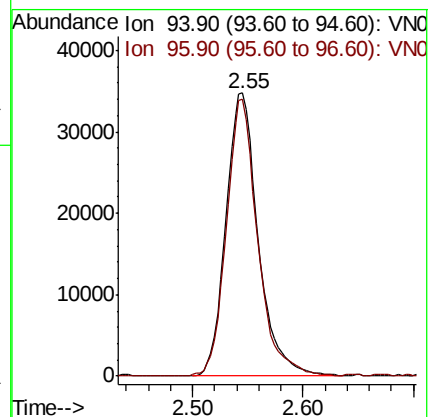
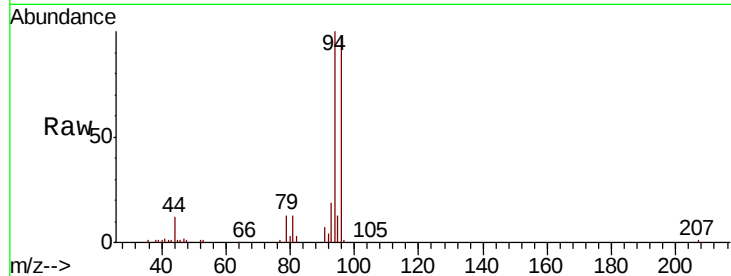
ClientSampleId :

Tot Ion: 94 Resp: 70618

Ion Ratio Lower Upper

94 100

96 97.8 74.2 111.2



#6

Chloroethane

Concen: 24.702 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059304.D

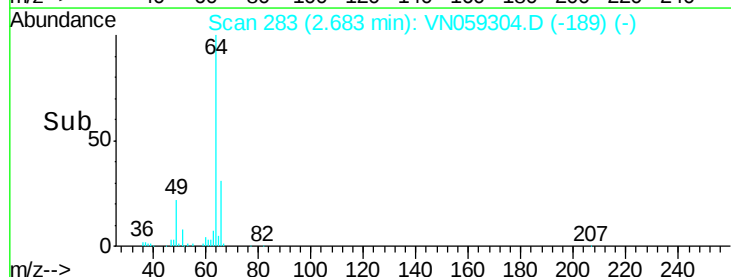
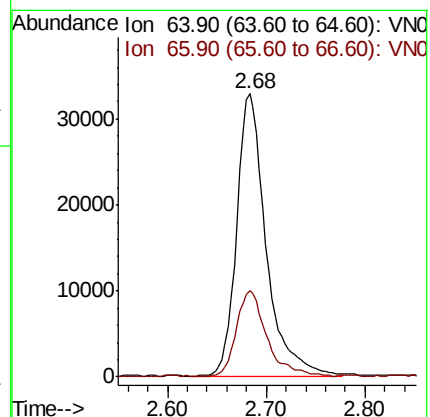
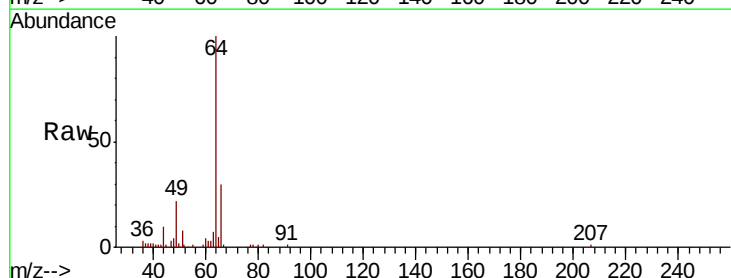
Acq: 19 Nov 2019 13:51

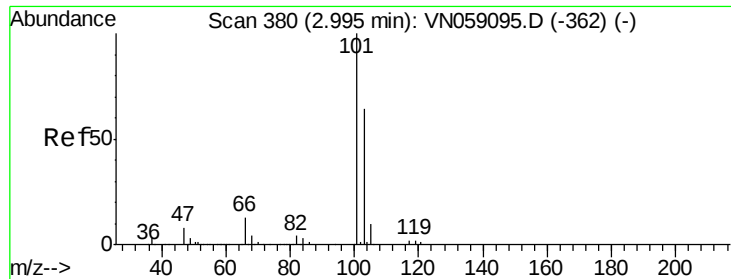
Tgt Ion: 64 Resp: 69128

Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8



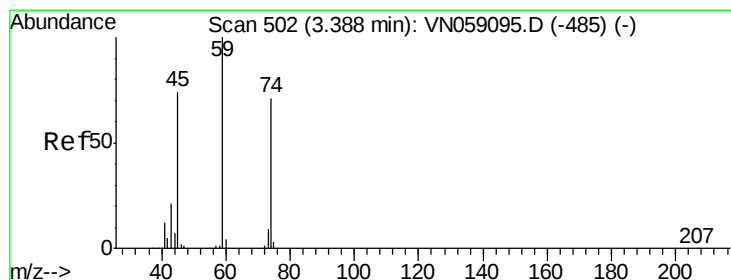
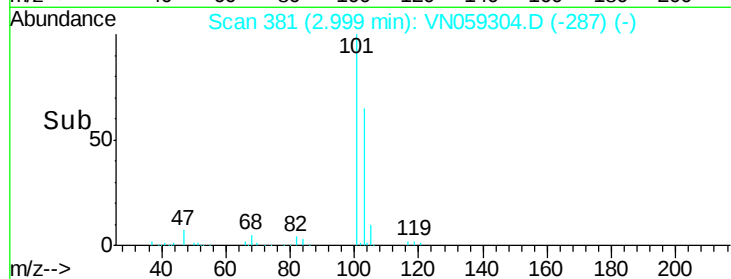
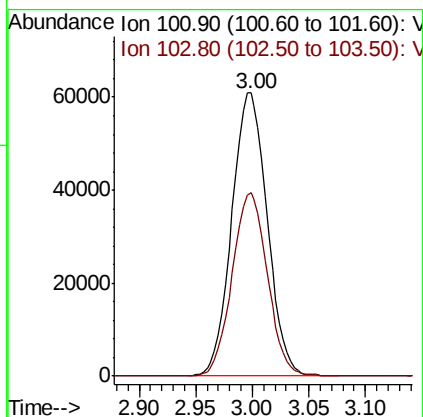
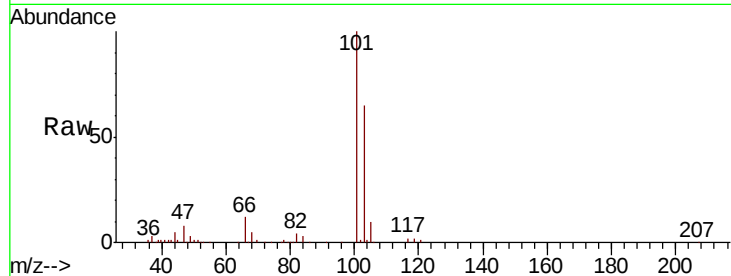


#7

Trichlorofluoromethane
 Concen: 23.516 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Instrument :
 MSVOA_N
 ClientSampled :

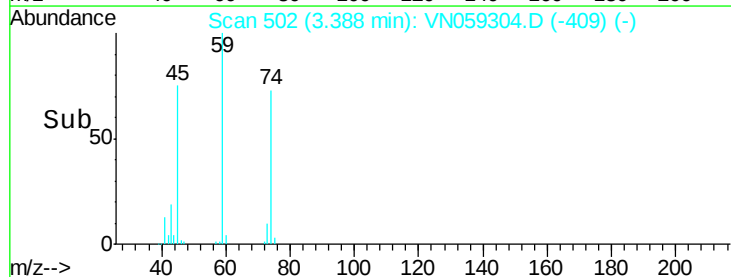
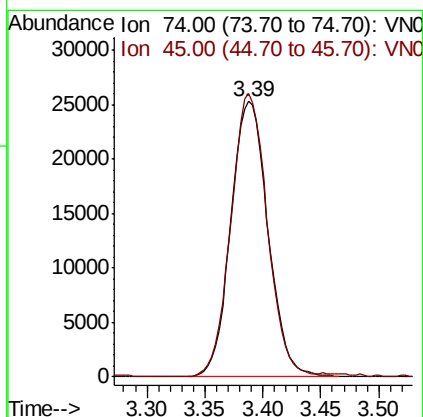
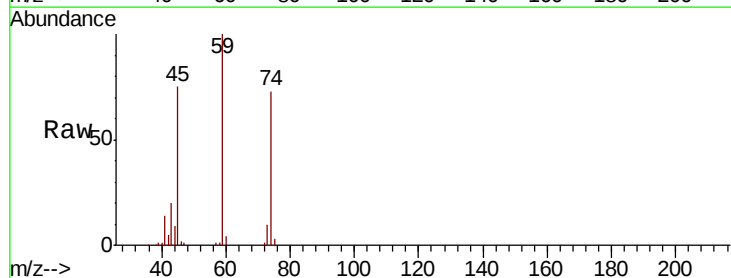
Tot Ion:101 Resp: 133071
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.2 76.8

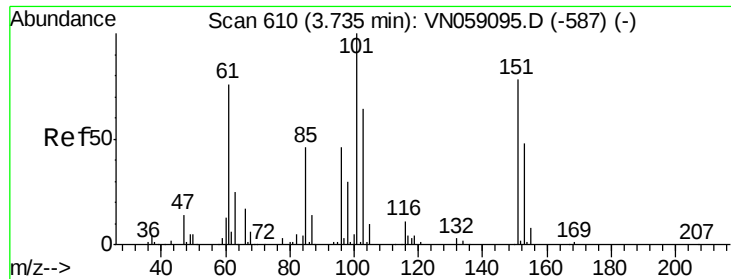


#8

Diethyl Ether
 Concen: 24.518 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion: 74 Resp: 56373
 Ion Ratio Lower Upper
 74 100
 45 100.6 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.243 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampled :

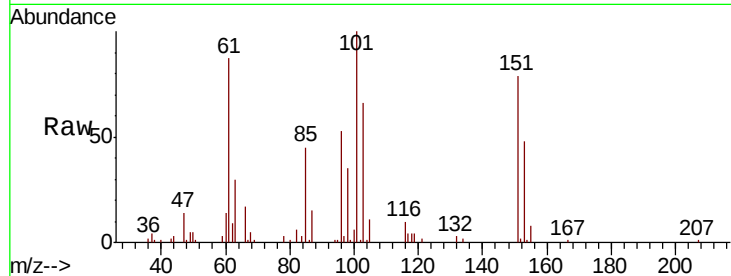
Tot Ion:101 Resp: 82713

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

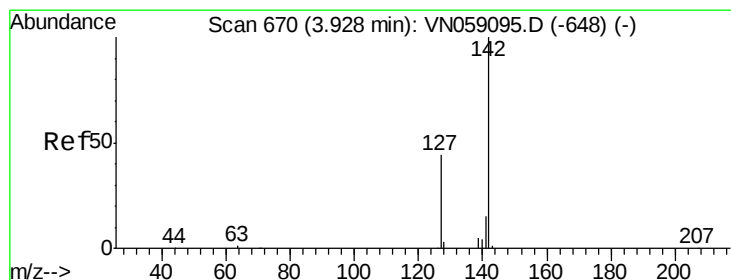
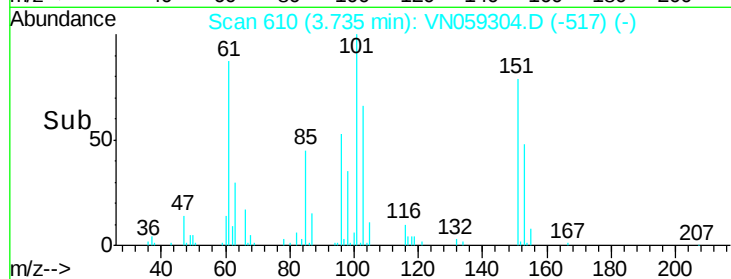
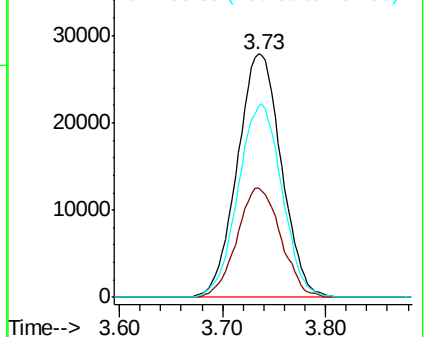
151 78.9 62.2 93.2



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: 22.816 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

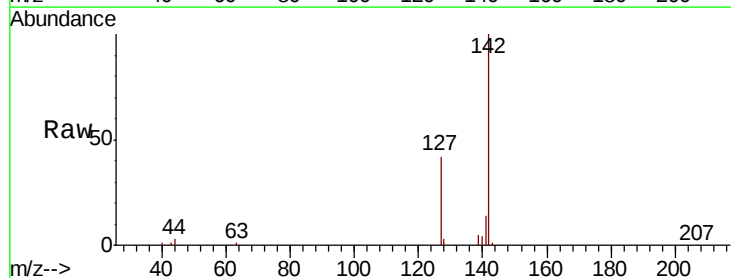
Tgt Ion:142 Resp: 96353

Ion Ratio Lower Upper

142 100

127 41.9 34.2 51.2

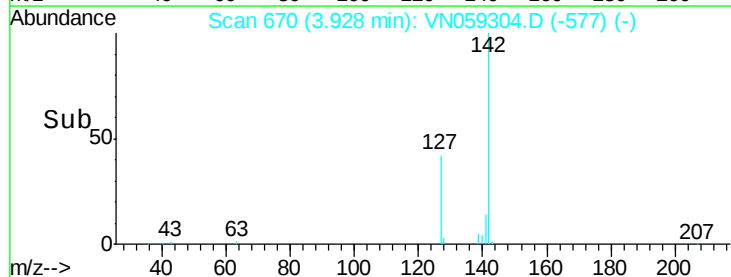
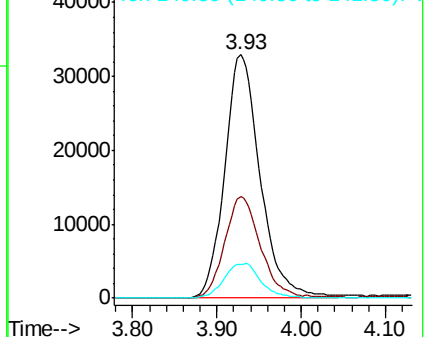
141 14.5 11.4 17.0

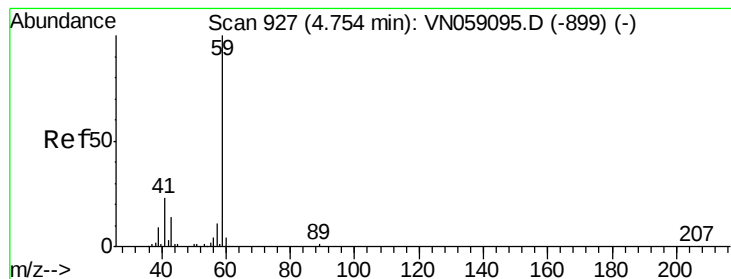


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



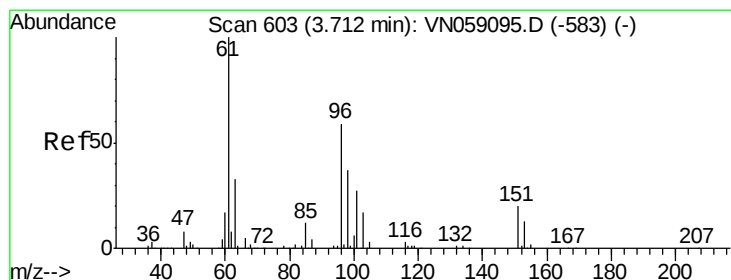
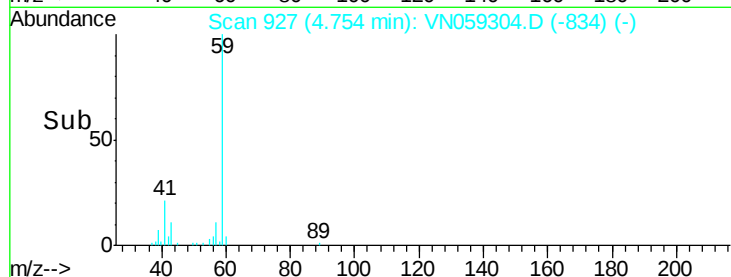
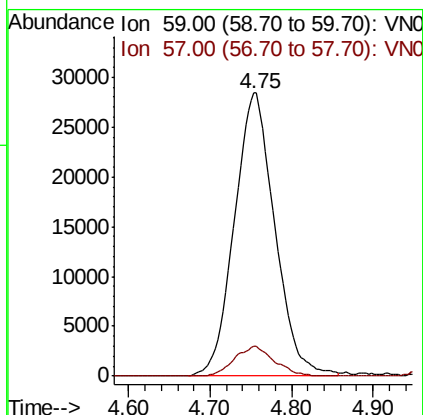
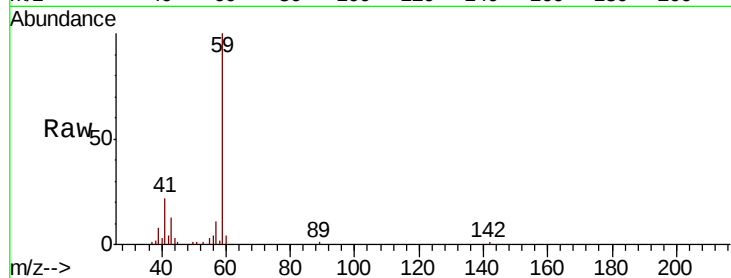


#11

Tert butyl alcohol
 Concen: 117.124 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Instrument :
 MSVOA_N
 ClientSampled :

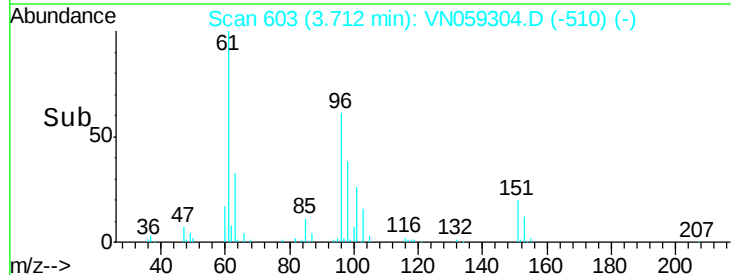
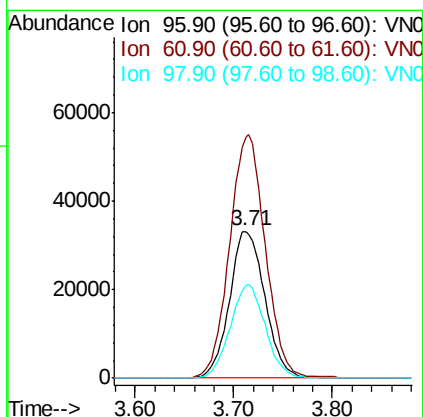
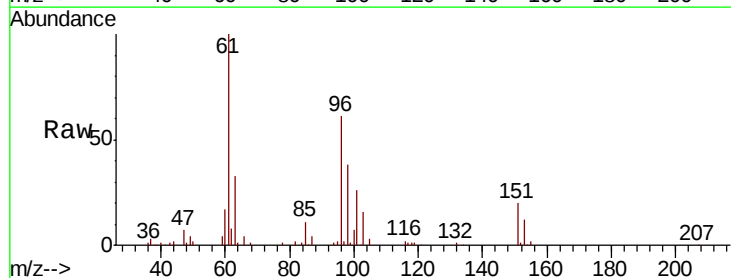
Tot Ion: 59 Resp: 97759
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5



#12

1,1-Dichloroethene
 Concen: 24.982 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion: 96 Resp: 83028
 Ion Ratio Lower Upper
 96 100
 61 164.5 136.5 204.7
 98 63.3 50.2 75.4





#13

Acrolein

Concen: 83.029 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

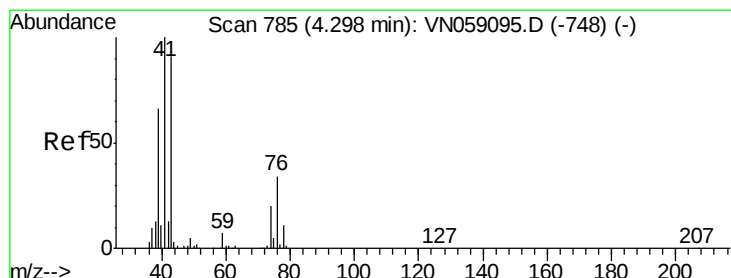
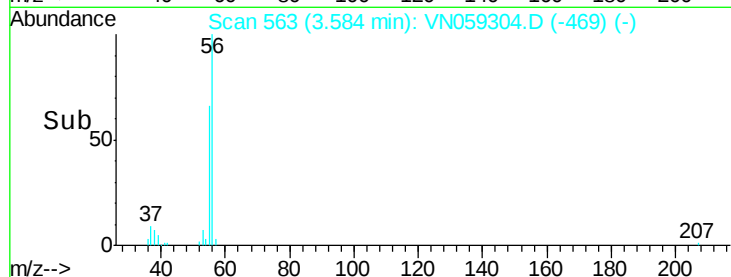
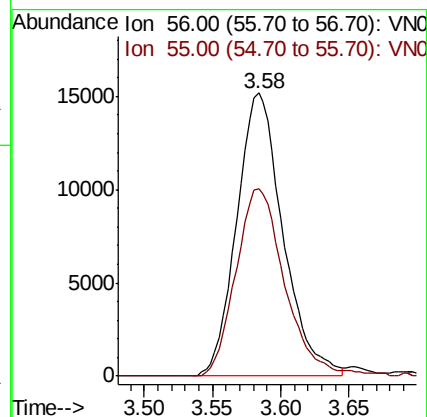
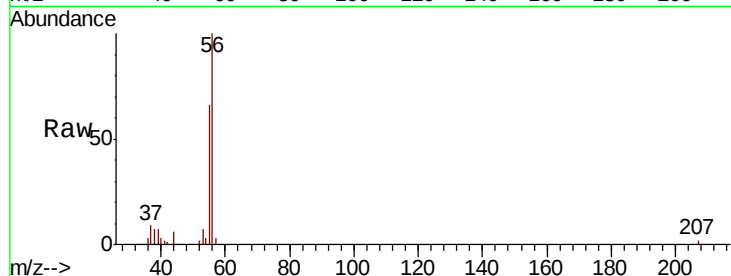
ClientSampleId :

Tot Ion: 56 Resp: 35730

Ion Ratio Lower Upper

56 100

55 69.9 56.4 84.6



#14

Allyl chloride

Concen: 22.959 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

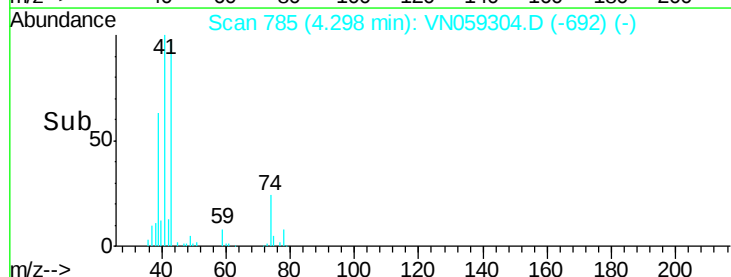
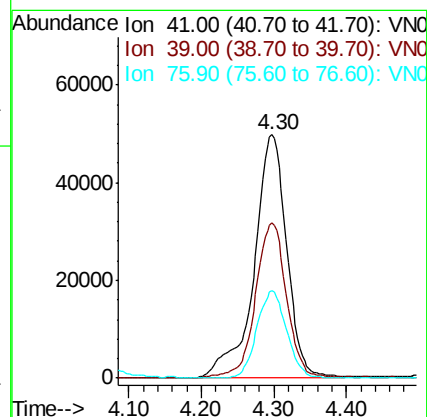
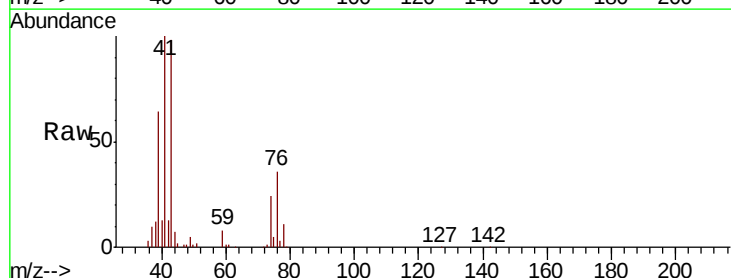
Tgt Ion: 41 Resp: 156740

Ion Ratio Lower Upper

41 100

39 60.7 49.1 73.7

76 32.5 24.9 37.3





#15

Acrylonitrile

Concen: 119.291 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

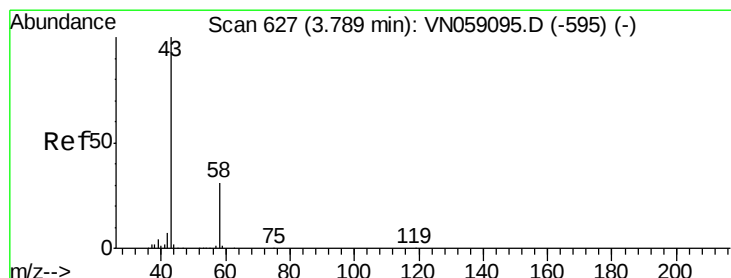
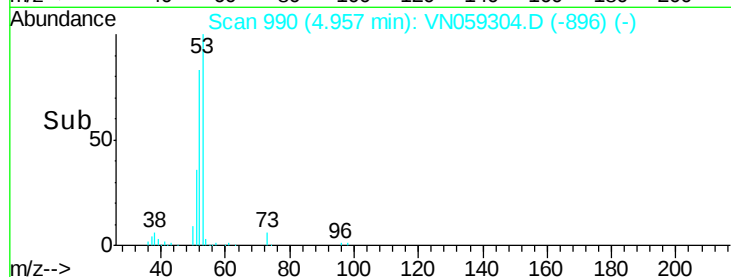
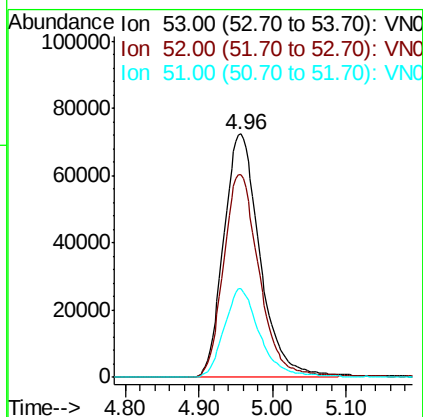
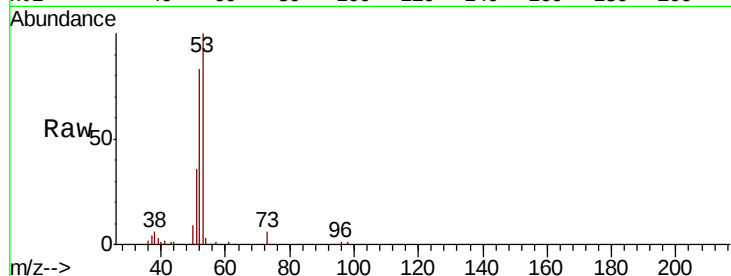
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 53 Resp: 247789

Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.0	97.6
51	35.7	28.0	42.0



#16

Acetone

Concen: 90.160 ug/l

RT: 3.79 min Scan# 627

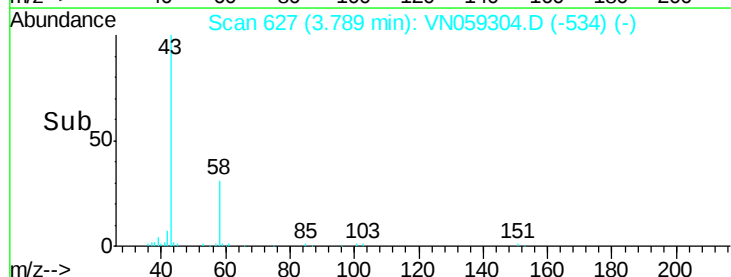
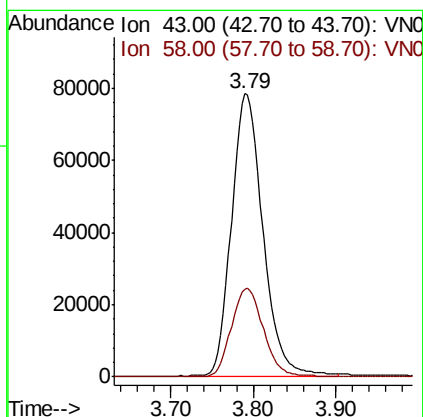
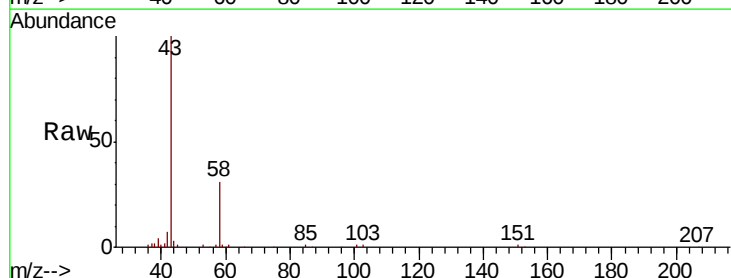
Delta R.T. 0.00 min

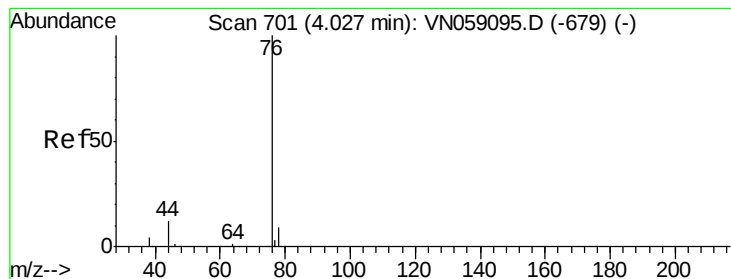
Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Tgt Ion: 43 Resp: 205338

Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.9	37.3





#17

Carbon Disulfide

Concen: 25.483 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

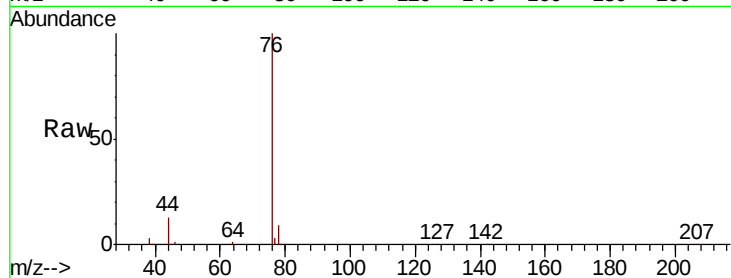
ClientSampled :

Tot Ion: 76 Resp: 262908

Ion Ratio Lower Upper

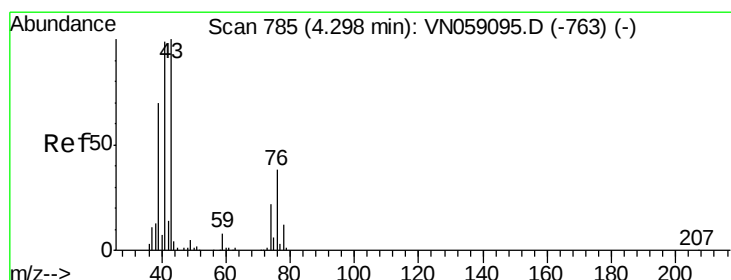
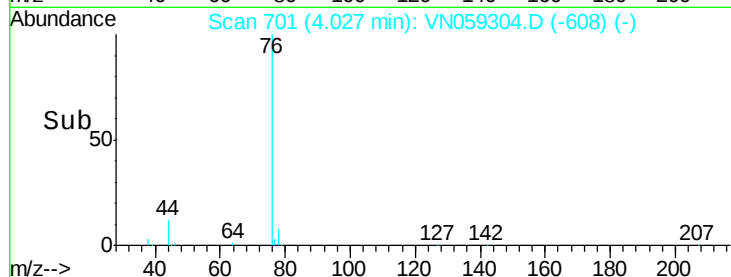
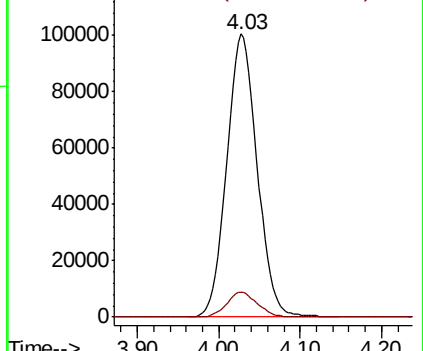
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 25.599 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059304.D

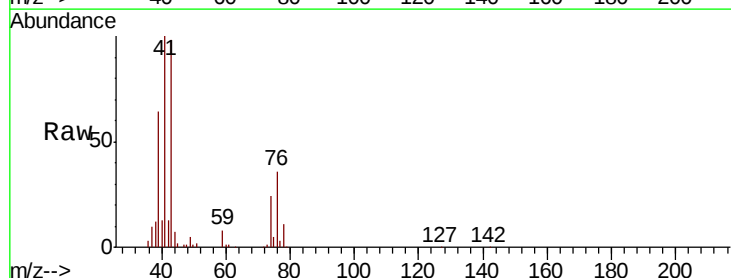
Acq: 19 Nov 2019 13:51

Tgt Ion: 43 Resp: 138382

Ion Ratio Lower Upper

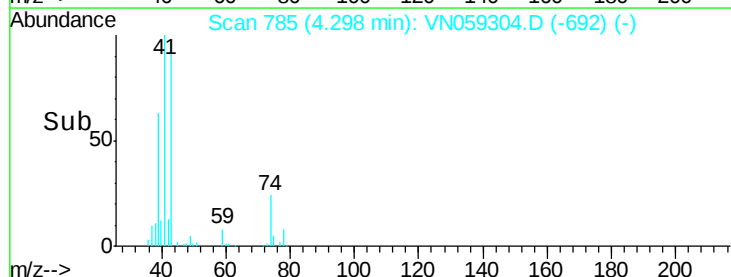
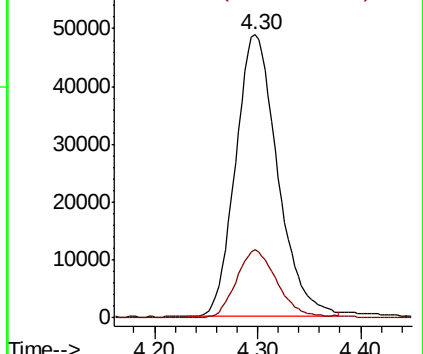
43 100

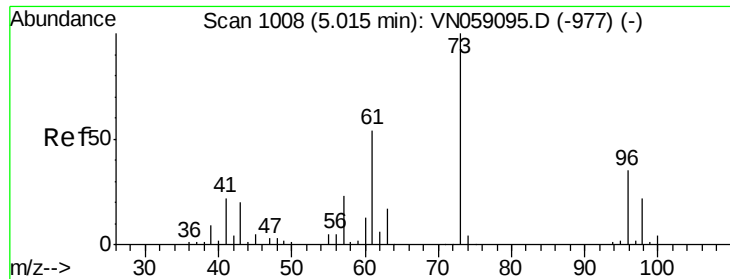
74 23.4 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

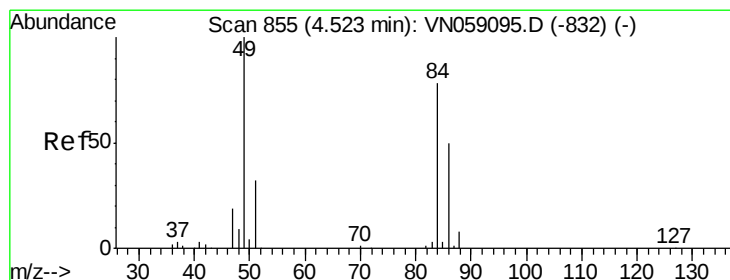
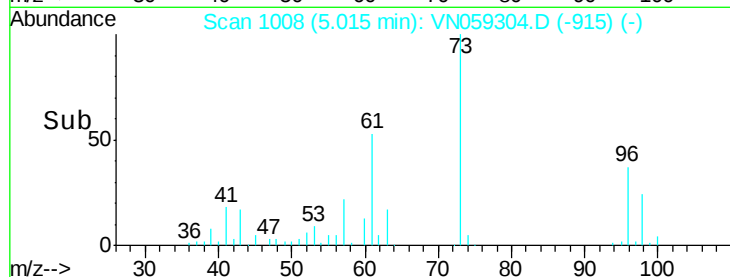
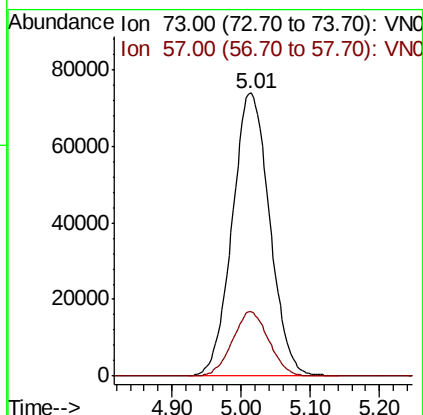
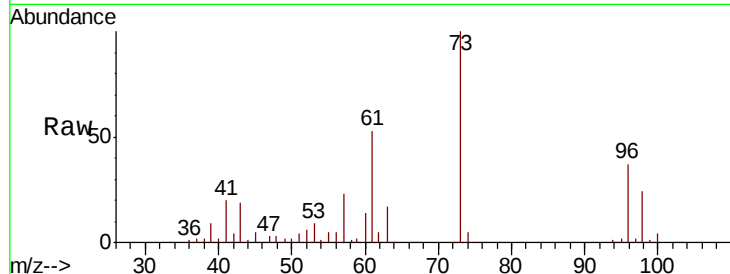




#19
Methvl tert-butvl Ether
Concen: 24.223 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

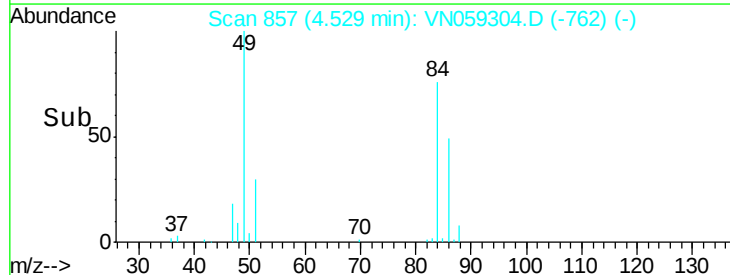
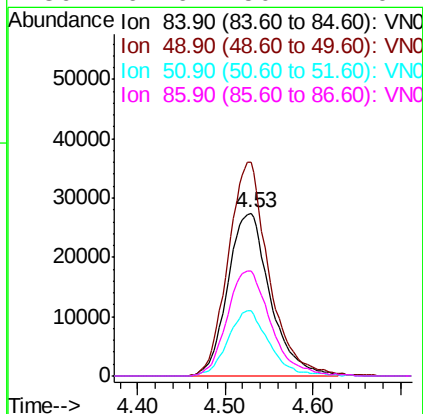
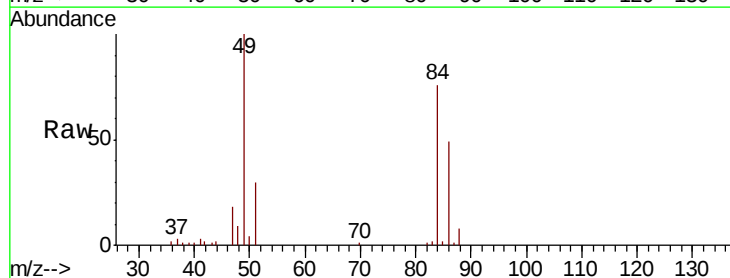
Instrument :
MSVOA_N
ClientSampleId :

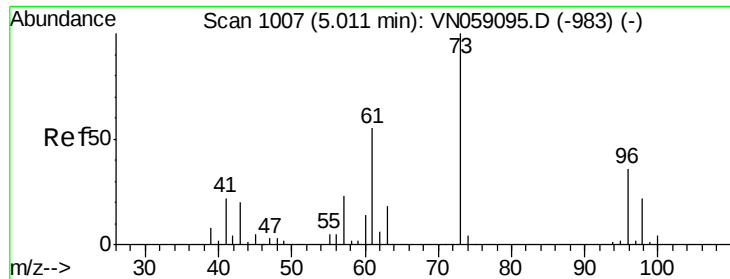
Tot Ion: 73 Resp: 277170
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6



#20
Methylene Chloride
Concen: 23.336 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion: 84 Resp: 92590
Ion Ratio Lower Upper
84 100
49 131.0 102.0 153.0
51 39.7 32.2 48.2
86 64.6 50.7 76.1

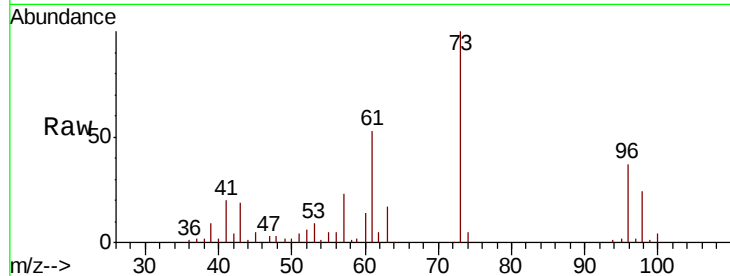




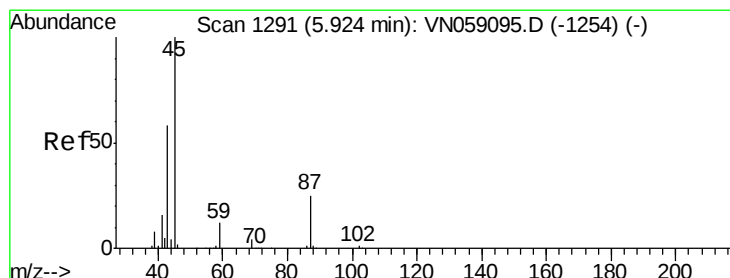
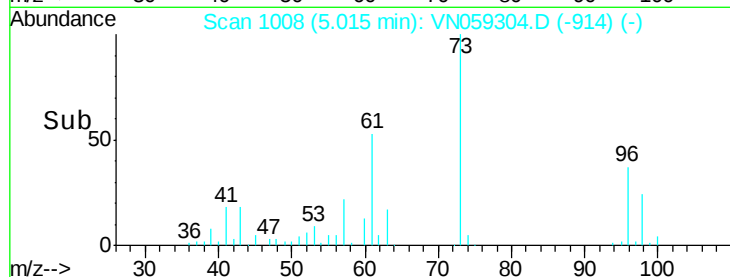
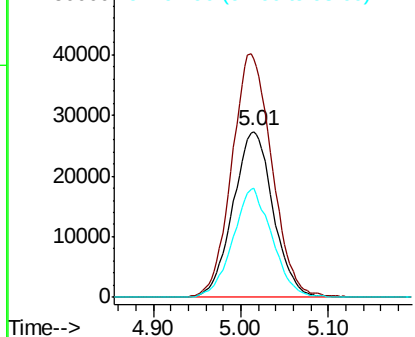
#21
trans-1,2-Dichloroethene
Concen: 24.357 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 86895
Ion Ratio Lower Upper
96 100
61 143.6 122.6 183.8
98 65.5 50.3 75.5

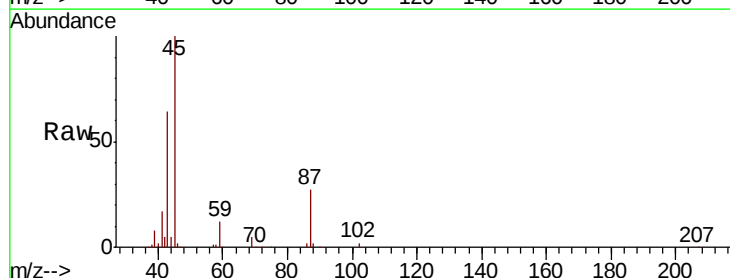


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

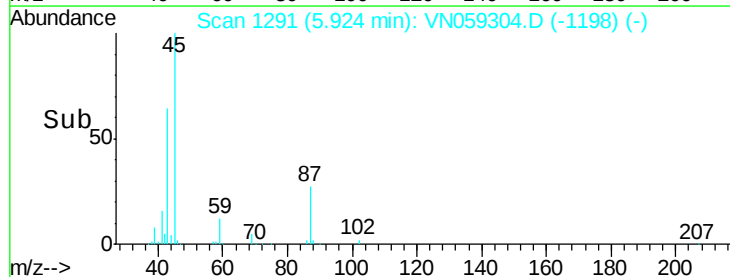
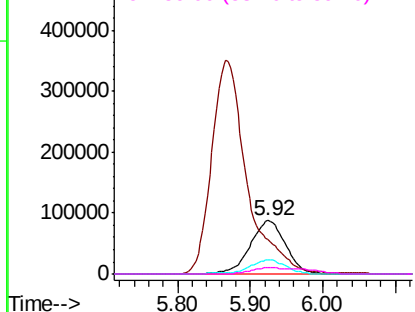


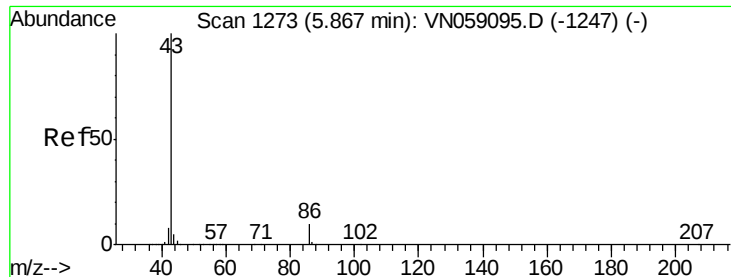
#22
Diisopropyl ether
Concen: 23.097 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion: 45 Resp: 297838
Ion Ratio Lower Upper
45 100
43 61.9 46.7 70.1
87 26.9 20.5 30.7
59 11.7 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 118.805 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

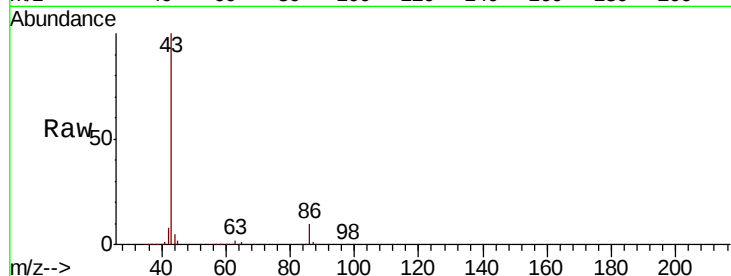
ClientSampleId :

Tot Ion: 43 Resp: 1187334

Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059304.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059304.D (-1180) (-)

5.87

400000

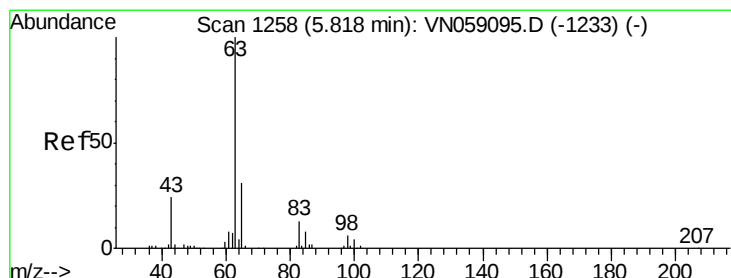
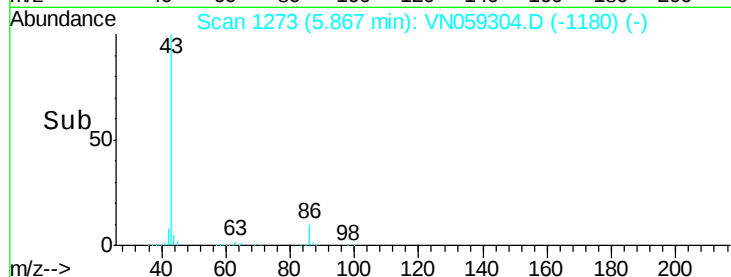
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 23.407 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

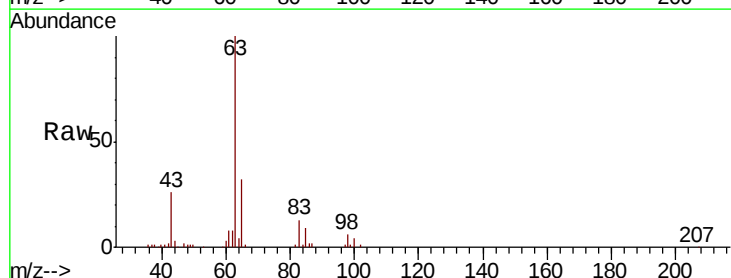
Tgt Ion: 63 Resp: 168584

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

100 4.2 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059304.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059304.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059304.D (-1165) (-)

5.82

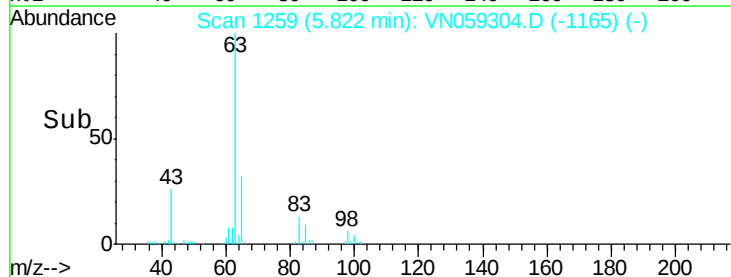
60000

40000

20000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 107.711 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

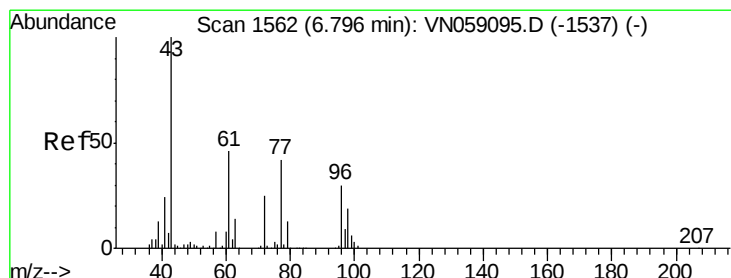
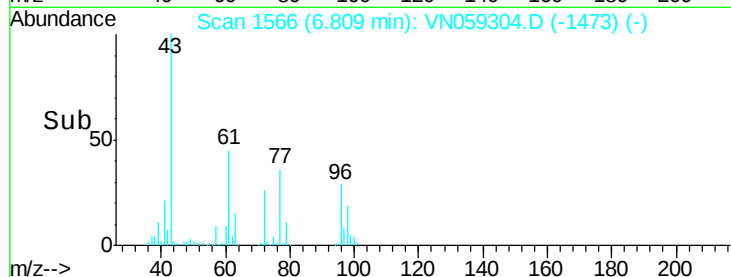
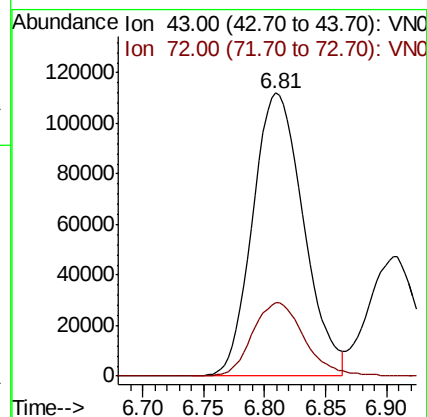
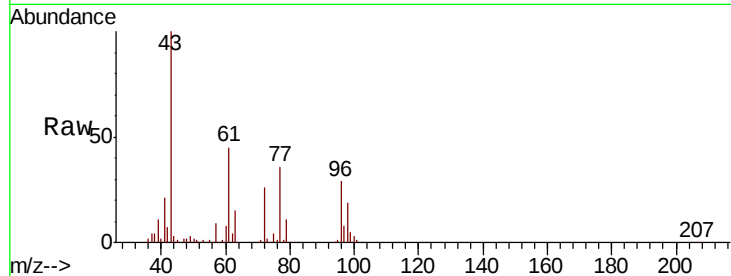
ClientSampled :

Tot Ion: 43 Resp: 323303

Ion Ratio Lower Upper

43 100

72 25.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 22.672 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059304.D

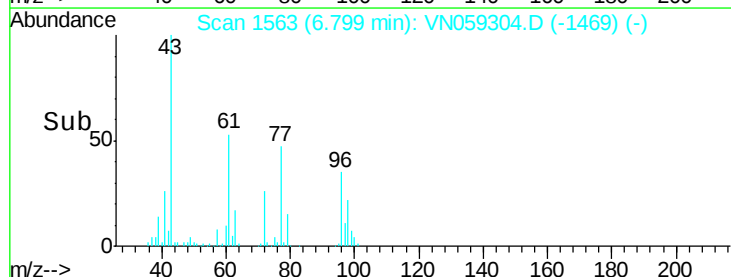
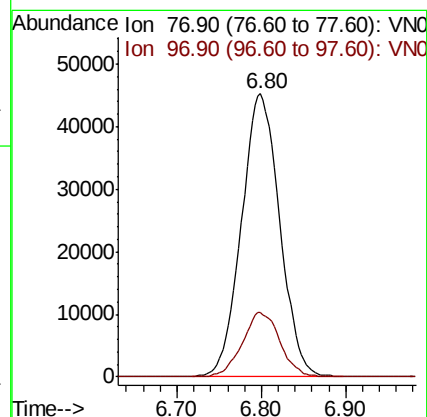
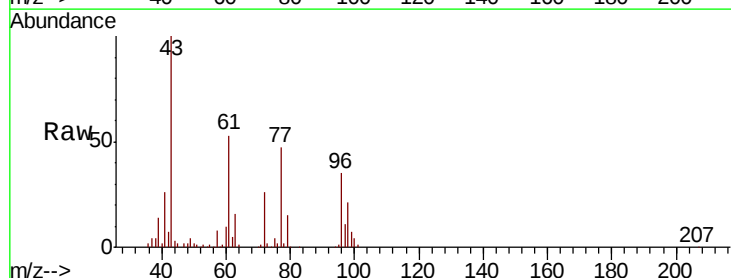
Acq: 19 Nov 2019 13:51

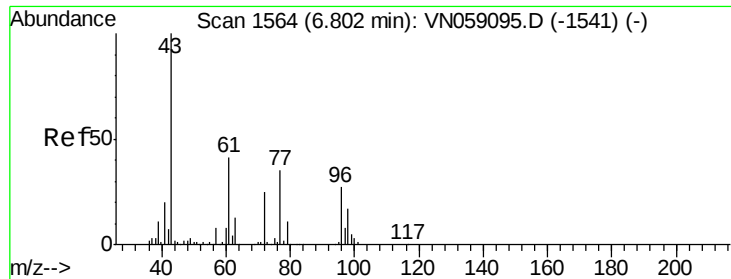
Tgt Ion: 77 Resp: 142785

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 24.099 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampleId :

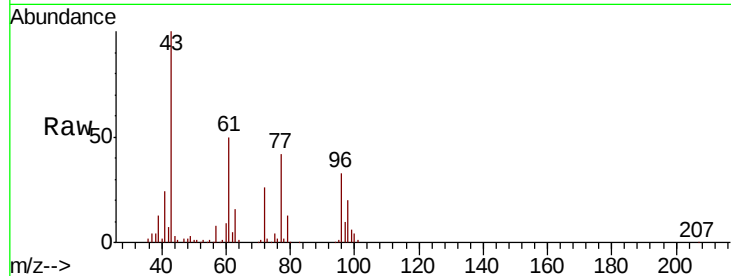
Tot Ion: 96 Resp: 99743

Ion Ratio Lower Upper

96 100

61 152.6 0.0 311.6

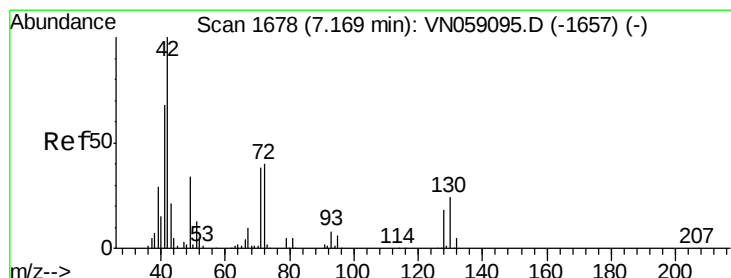
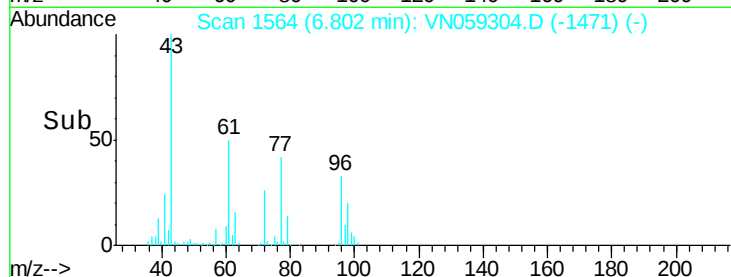
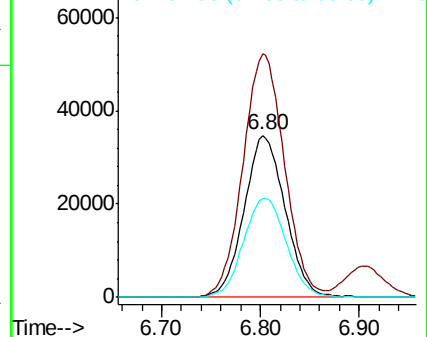
98 64.0 0.0 129.8



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



#28

Bromochloromethane

Concen: 17.864 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

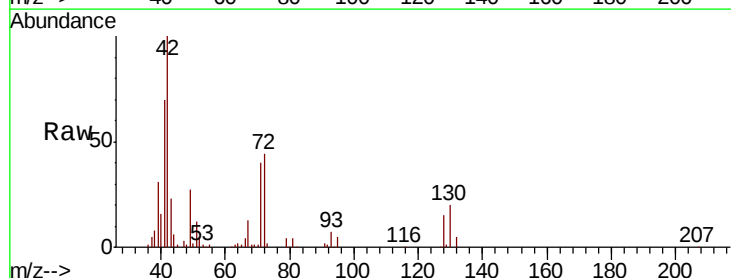
Tgt Ion: 49 Resp: 38709

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

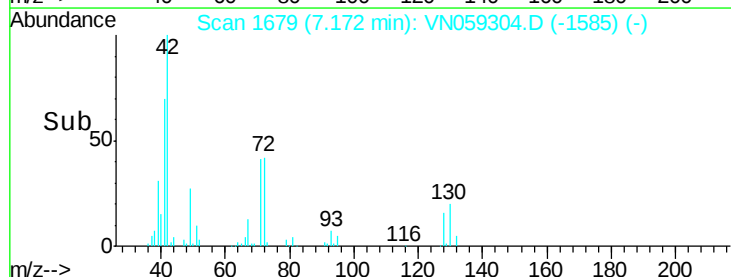
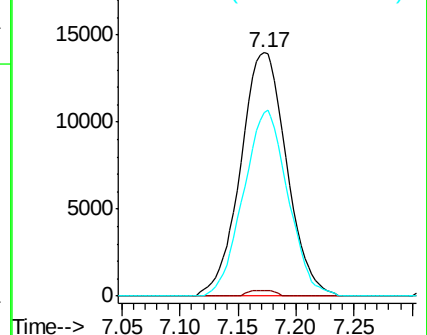
130 73.8 55.6 83.4

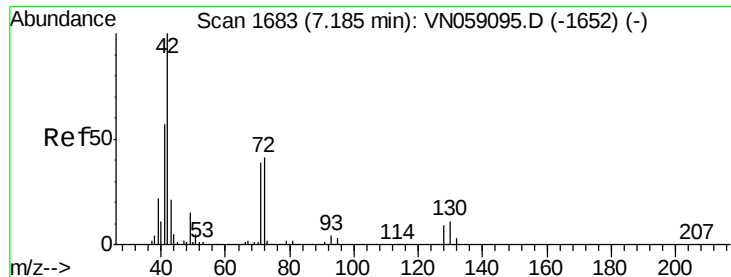


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

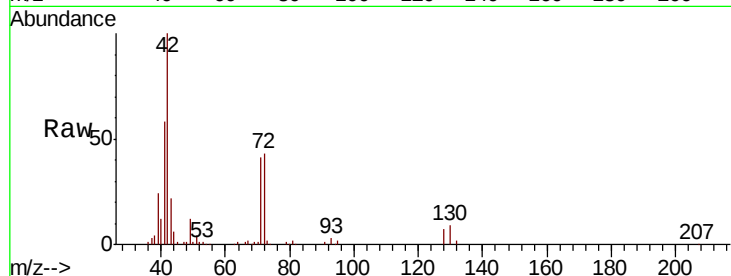




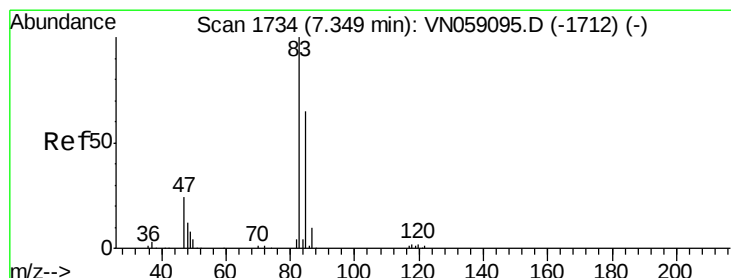
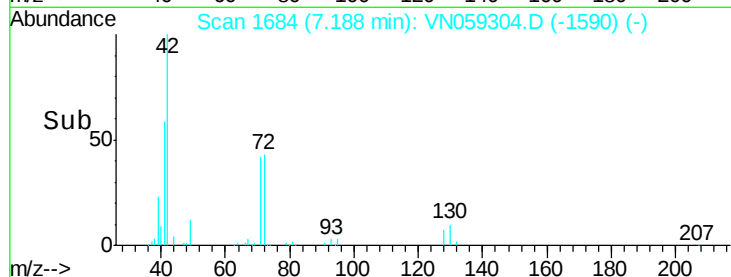
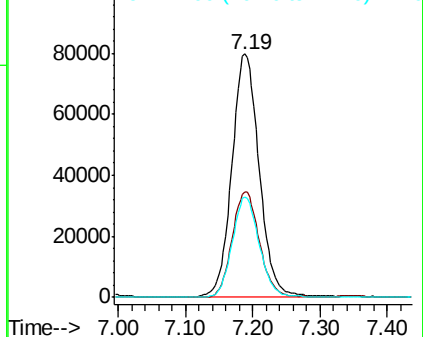
#29
Tetrahydrofuran
Concen: 117.316 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 223746
Ion Ratio Lower Upper
42 100
72 43.4 33.1 49.7
71 40.9 30.9 46.3

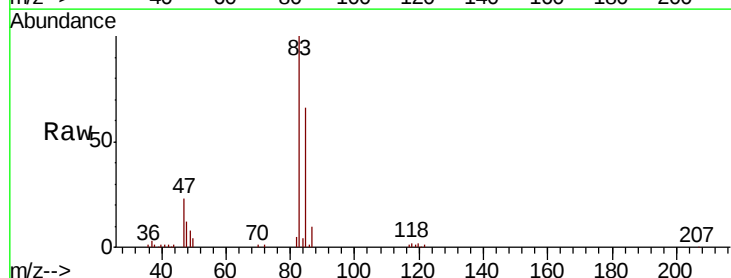


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

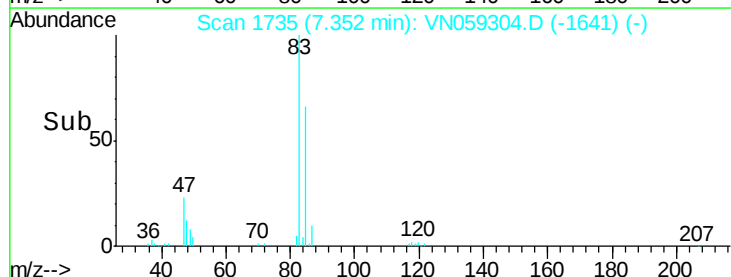
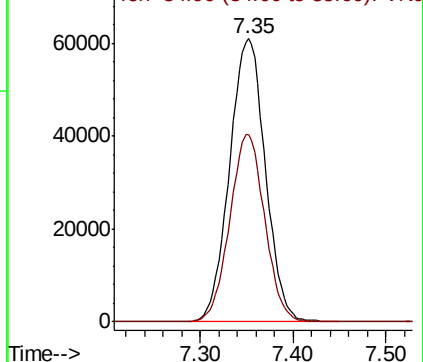


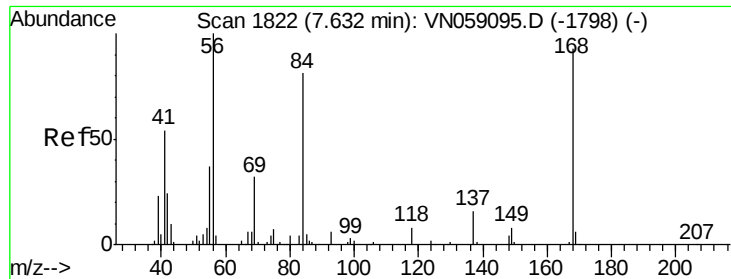
#30
Chloroform
Concen: 23.650 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion: 83 Resp: 163397
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

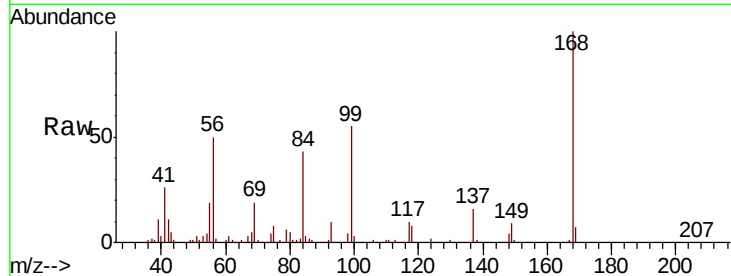




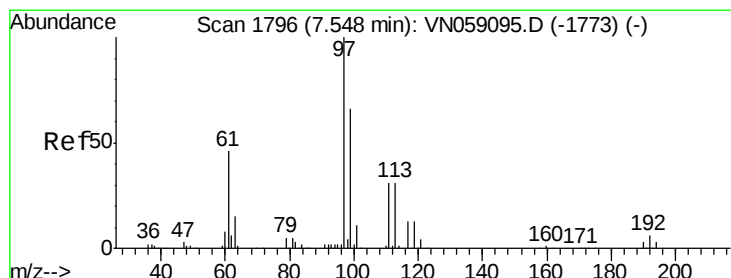
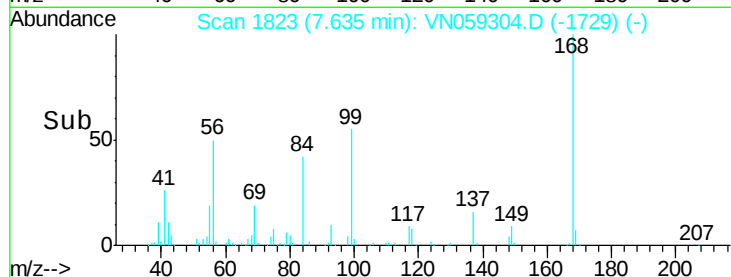
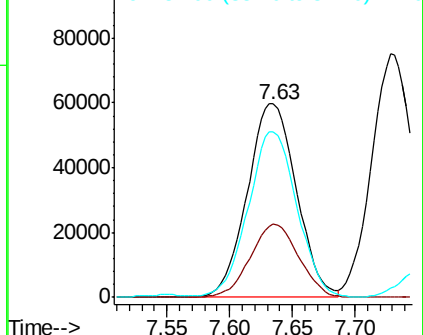
#31
Cyclohexane
Concen: 23.889 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 162885
Ion Ratio Lower Upper
56 100
69 37.8 25.8 38.8
84 84.7 65.0 97.4

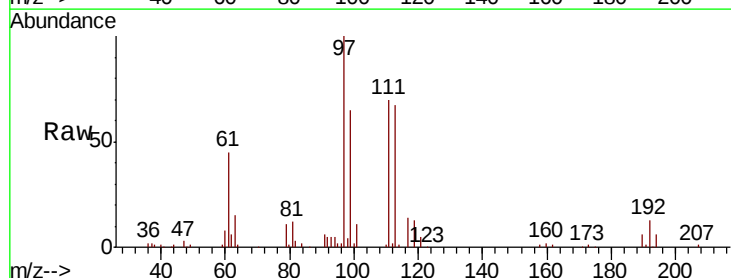


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

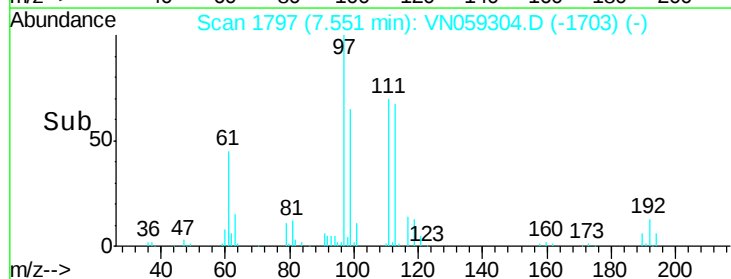
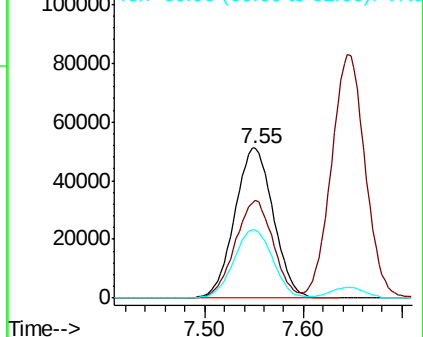


#32
1,1,1-Trichloroethane
Concen: 23.887 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion: 97 Resp: 138754
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 45.9 35.8 53.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

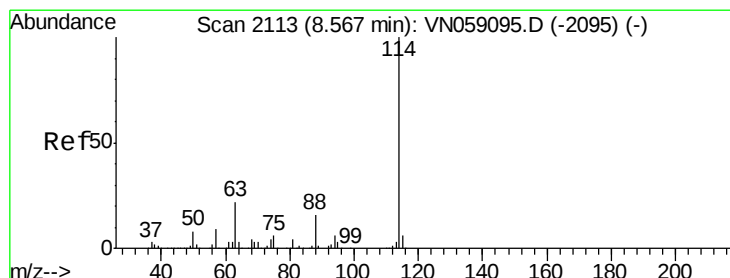
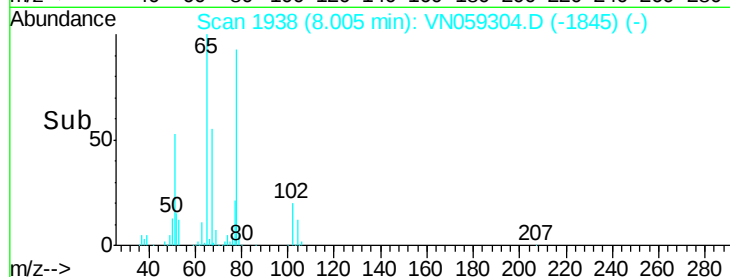
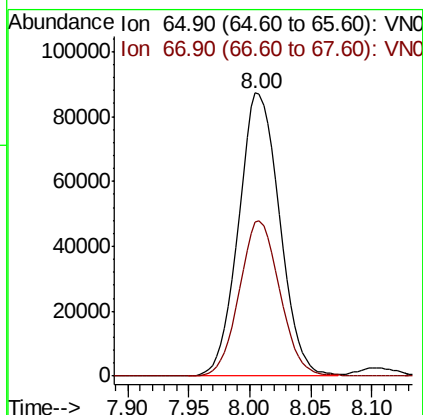
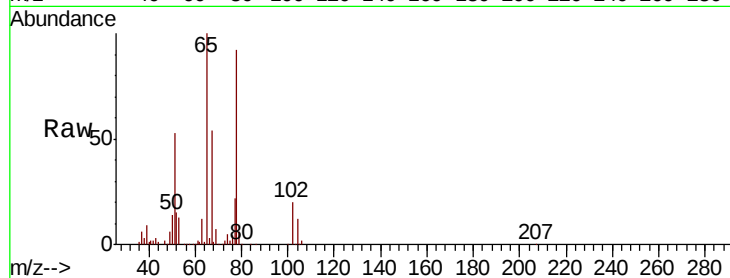




#33
 1,2-Dichloroethane-d4
 Concen: 46.461 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

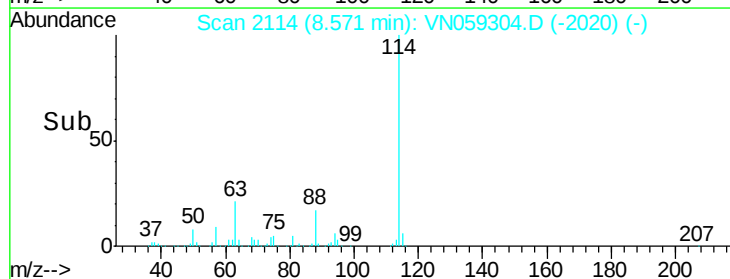
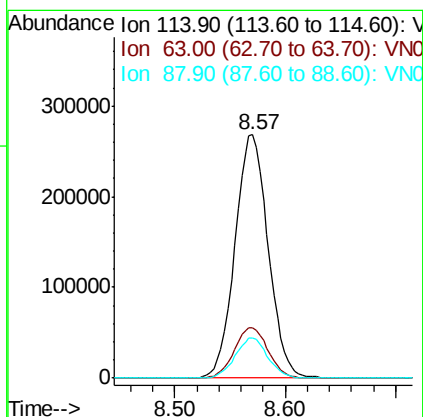
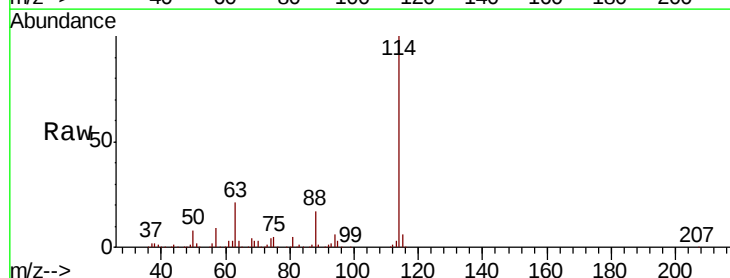
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 203482
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion: 114 Resp: 558650
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.4
 88 16.6 0.0 32.2

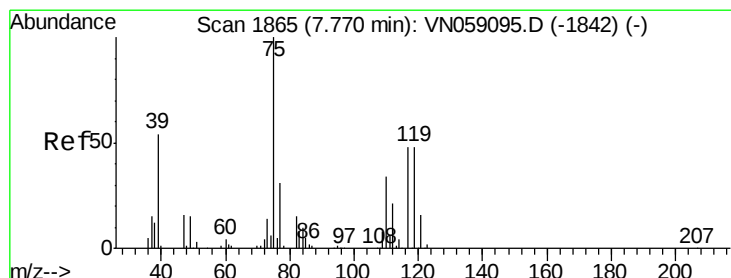
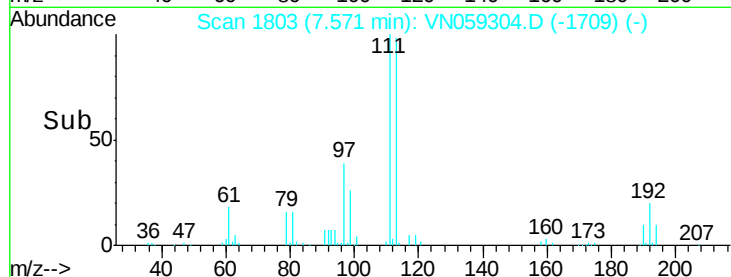
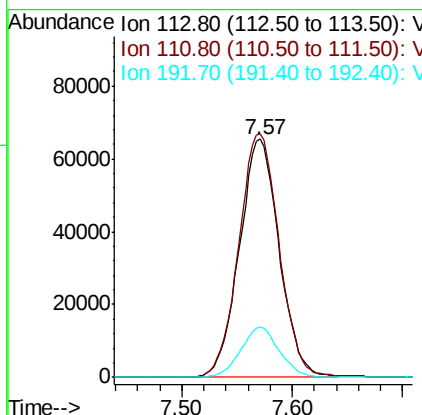
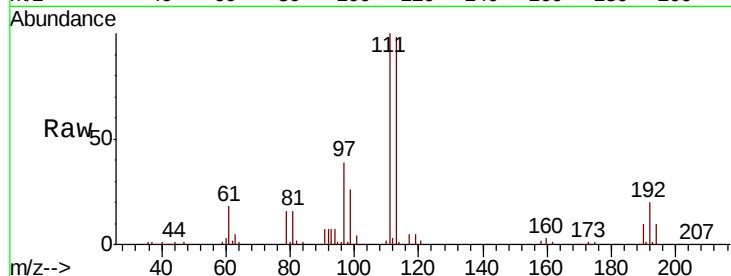




#35
 Dibromofluoromethane
 Concen: 49.038 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

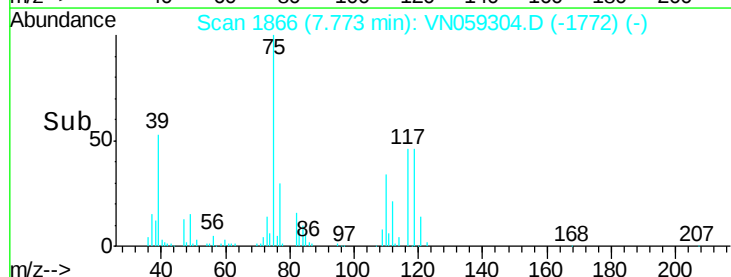
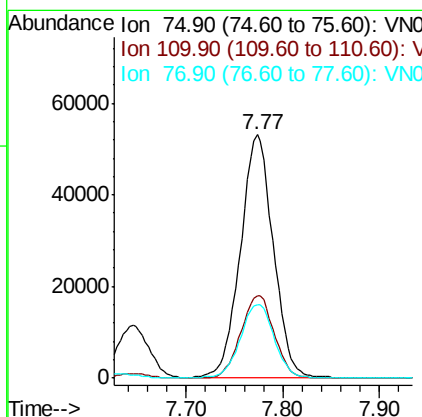
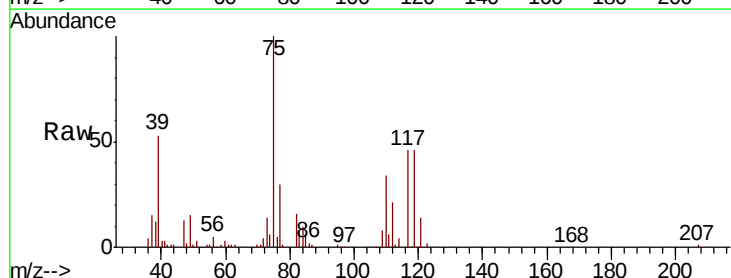
Instrument :
 MSVOA_N
 ClientSampleId :

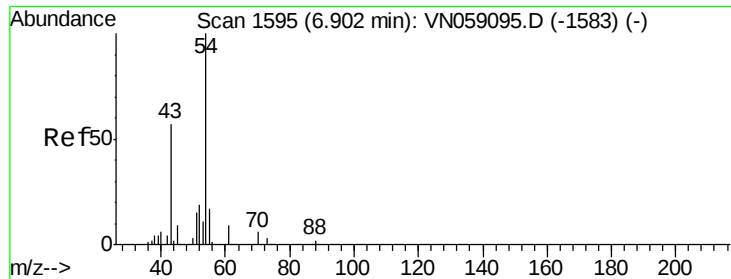
Tot Ion:113 Resp: 163576
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 20.4 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 24.101 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion: 75 Resp: 125852
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.1 51.2
 77 31.3 24.8 37.2

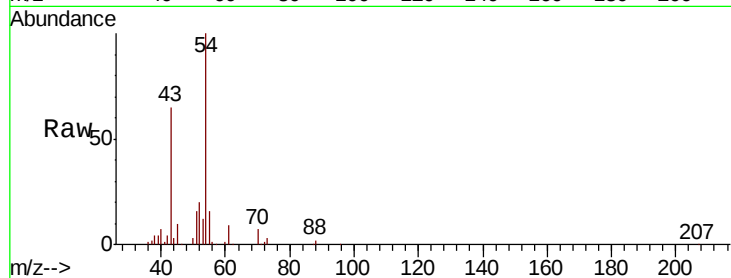




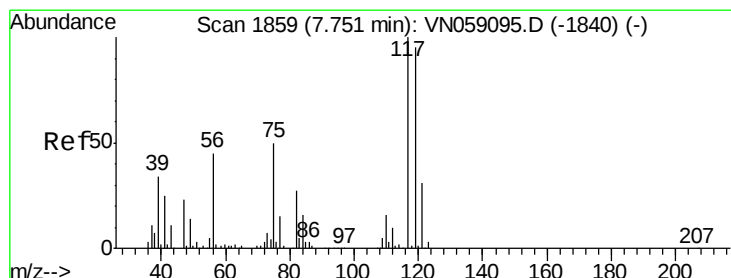
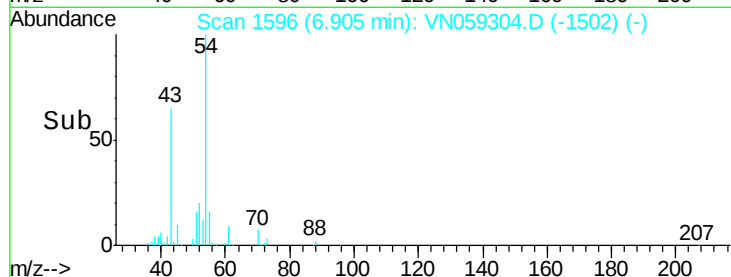
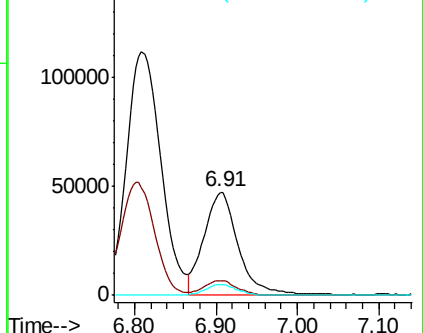
#37
Ethyl Acetate
Concen: 23.558 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 136851
Ion Ratio Lower Upper
43 100
61 13.4 11.2 16.8
70 10.2 7.8 11.8

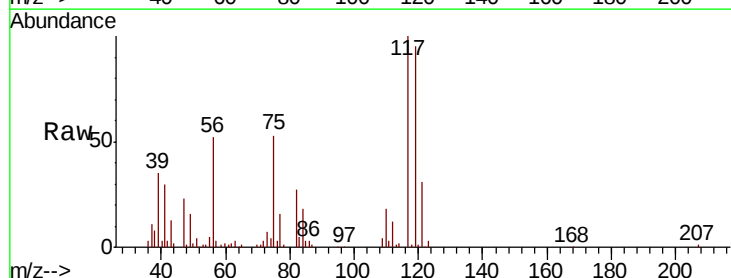


Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1583) (-)
Ion 60.90 (60.60 to 61.60): VN059095.D (-1583) (-)
Ion 70.00 (69.70 to 70.70): VN059095.D (-1583) (-)

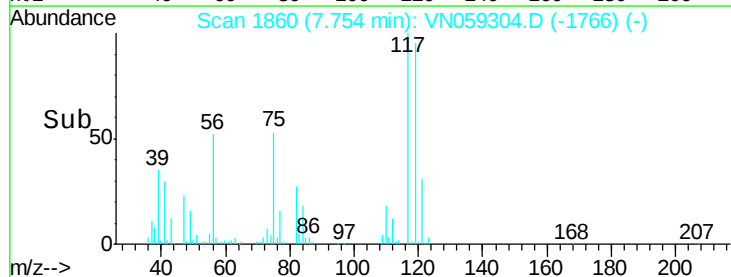
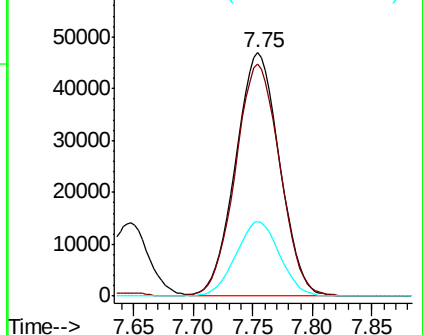


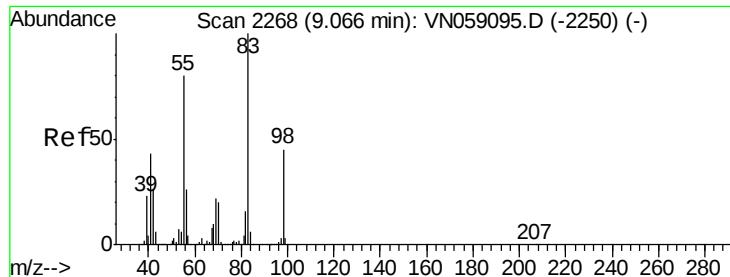
#38
Carbon Tetrachloride
Concen: 23.161 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion: 117 Resp: 120374
Ion Ratio Lower Upper
117 100
119 95.1 75.6 113.4
121 30.6 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): VN059095.D (-1840) (-)
Ion 118.80 (118.50 to 119.50): VN059095.D (-1840) (-)
Ion 120.80 (120.50 to 121.50): VN059095.D (-1840) (-)

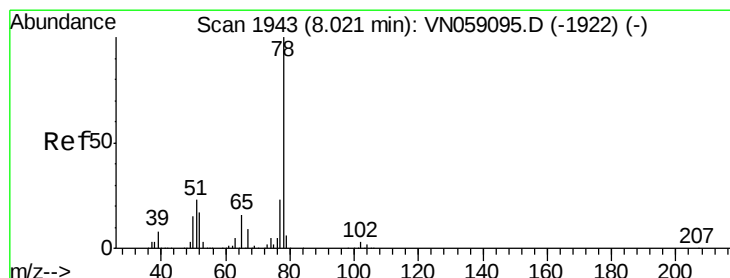
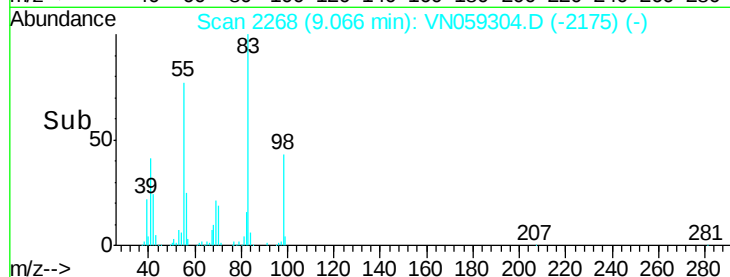
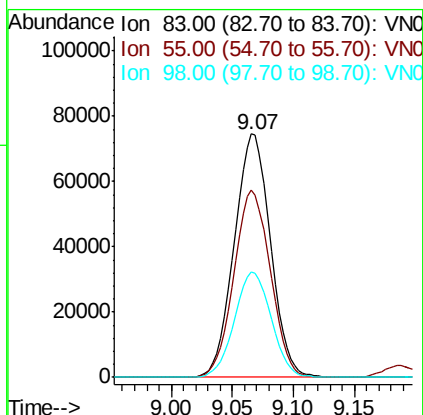
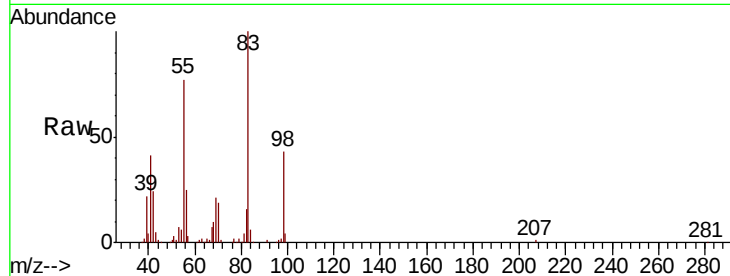




#39
Methvlcvclohexane
Concen: 25.318 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

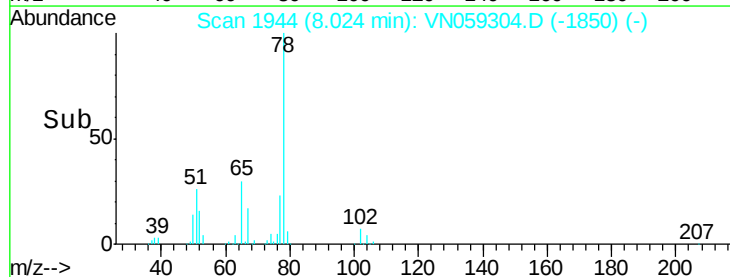
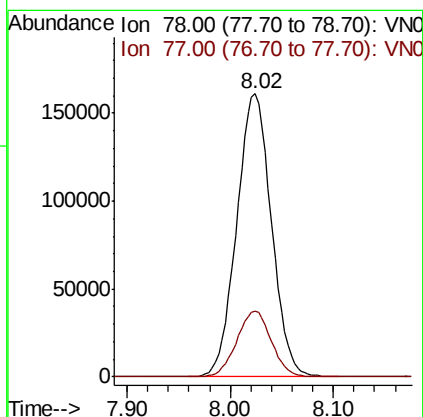
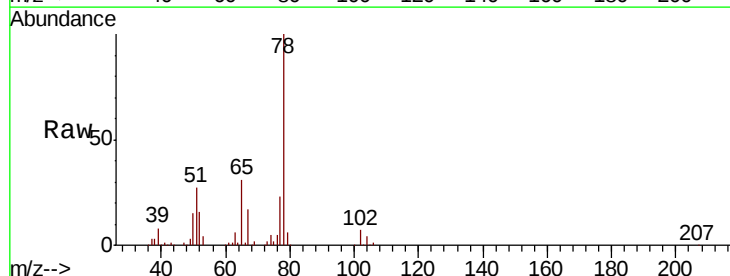
Instrument :
MSVOA_N
ClientSampleId :

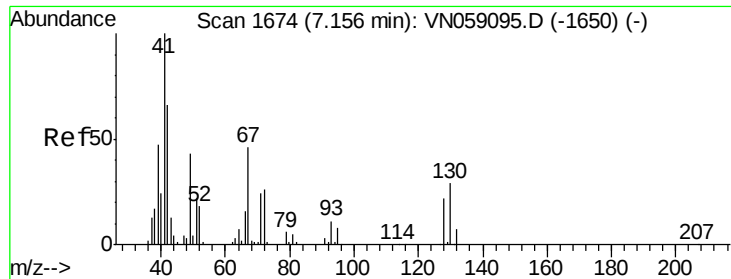
Tot Ion: 83 Resp: 153433
Ion Ratio Lower Upper
83 100
55 76.7 63.9 95.9
98 43.3 35.6 53.4



#40
Benzene
Concen: 23.978 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion: 78 Resp: 377043
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

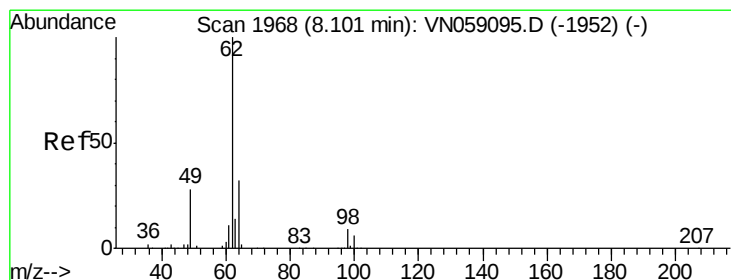
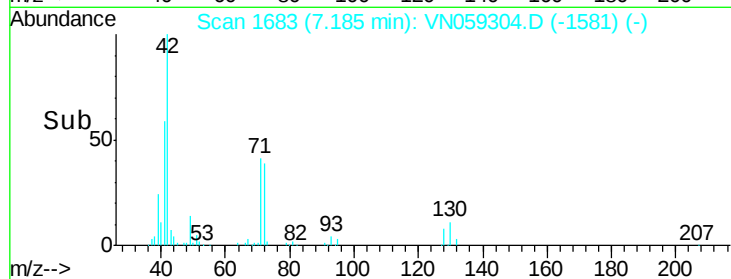
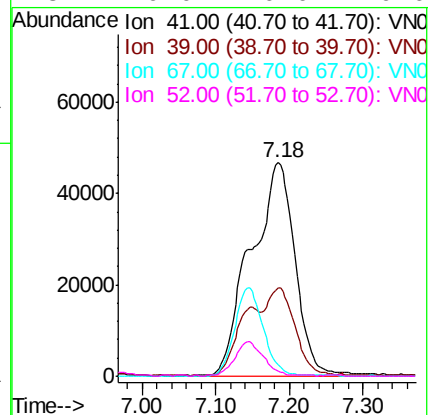
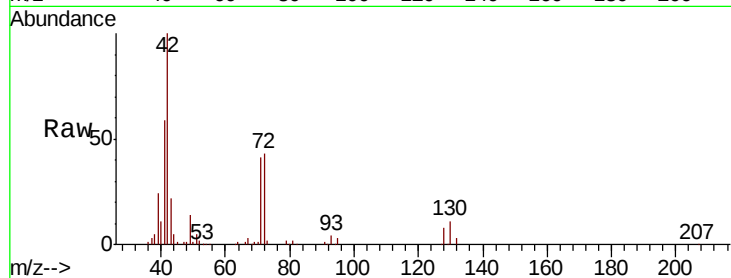




#41
Methacrylonitrile
Concen: 76.941 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

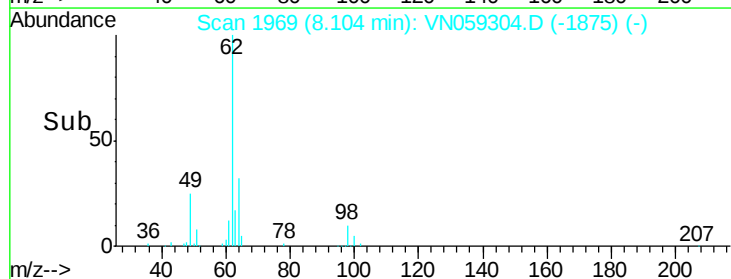
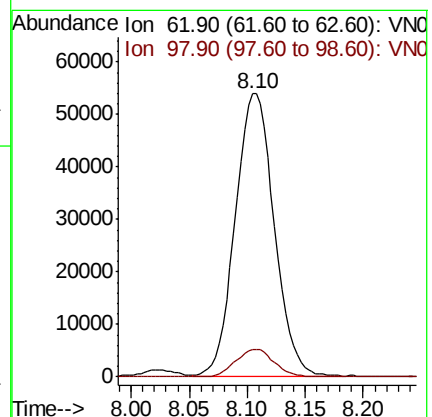
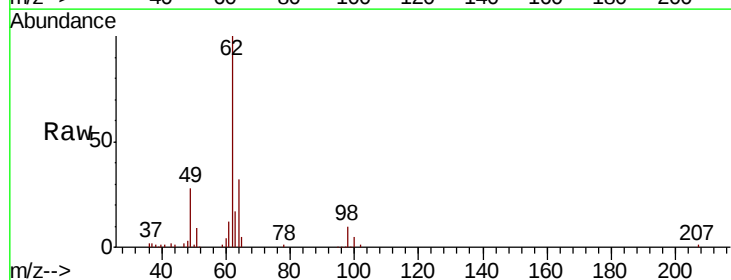
Instrument :
MSVOA_N
ClientSampled :

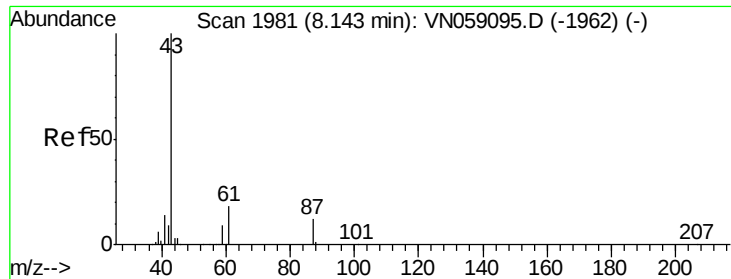
Tot Ion:	41	Resp:	194355
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.324 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion:	62	Resp:	125788
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 22.235 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampleId :

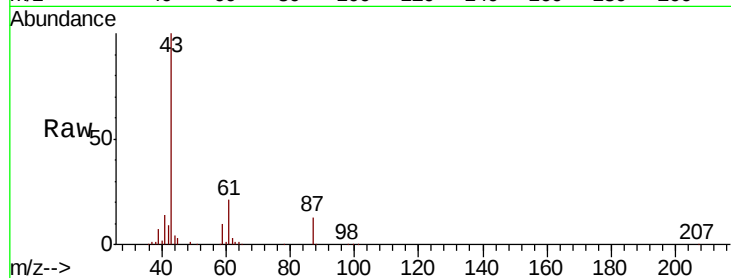
Tot Ion: 43 Resp: 205920

Ion Ratio Lower Upper

43 100

61 26.8 21.0 31.6

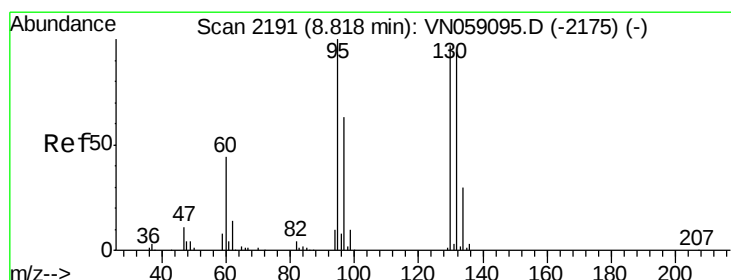
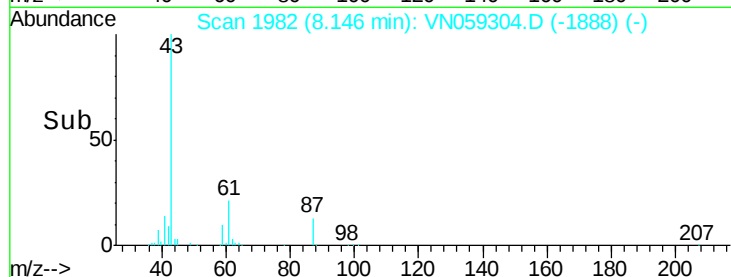
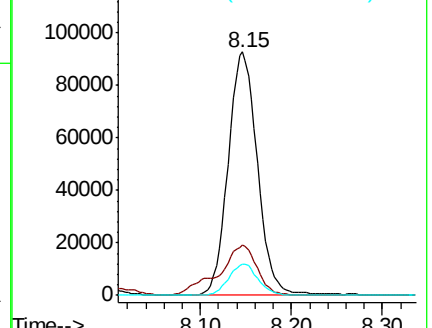
87 12.9 9.8 14.6



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: 24.297 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059304.D

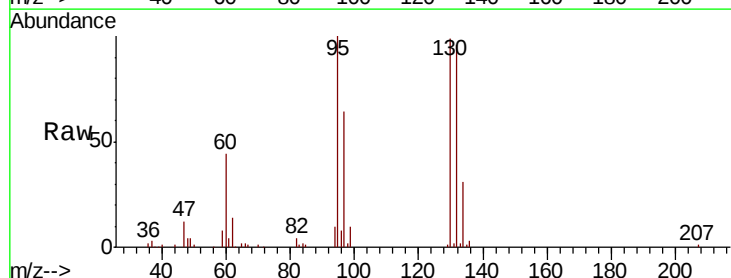
Acq: 19 Nov 2019 13:51

Tgt Ion:130 Resp: 93916

Ion Ratio Lower Upper

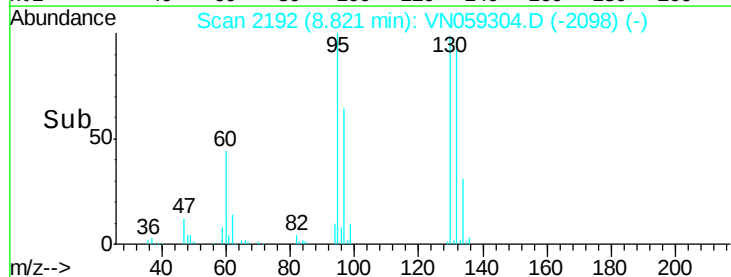
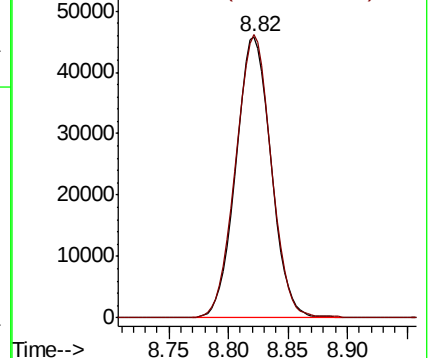
130 100

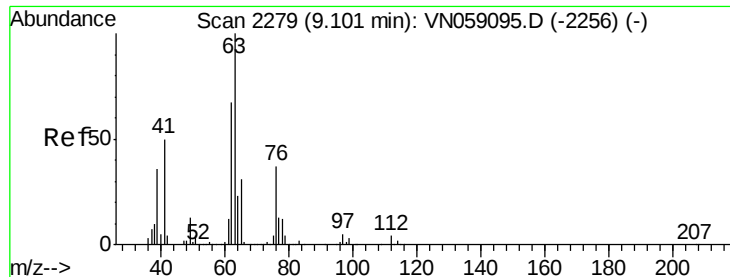
95 100.6 0.0 206.4



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

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

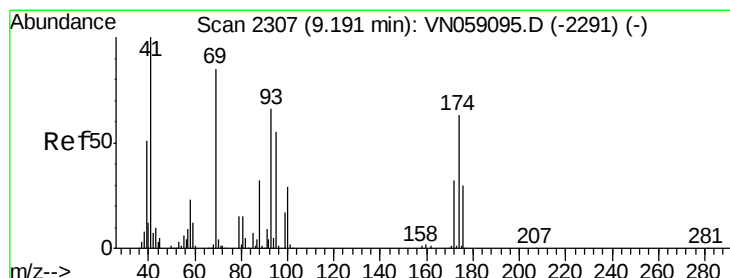
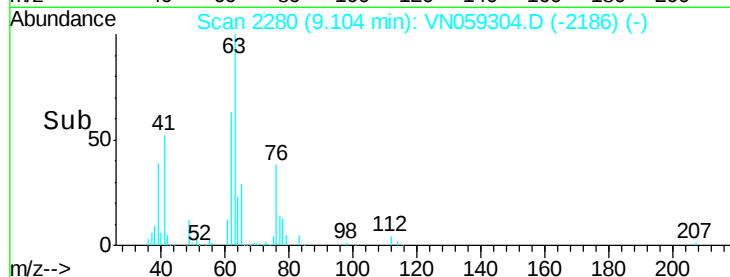
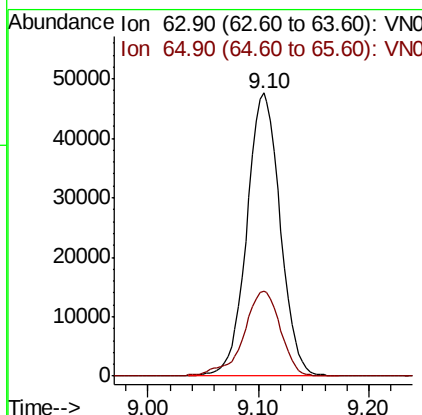
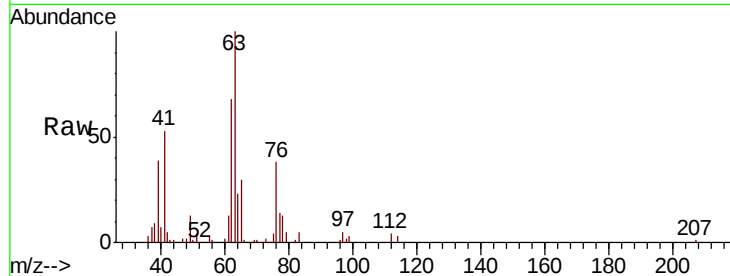




#45
 1,2-Dichloropropane
 Concen: 23.361 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

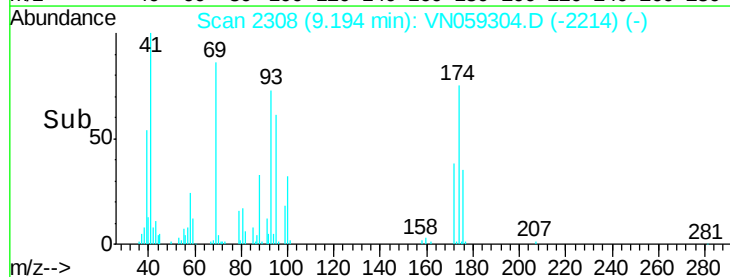
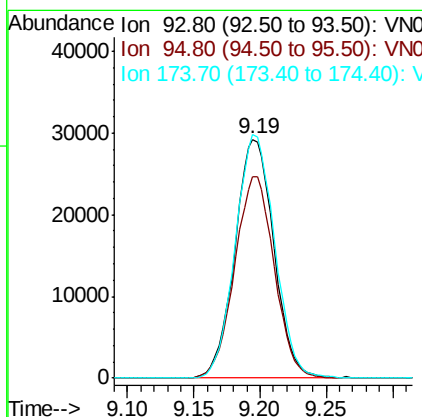
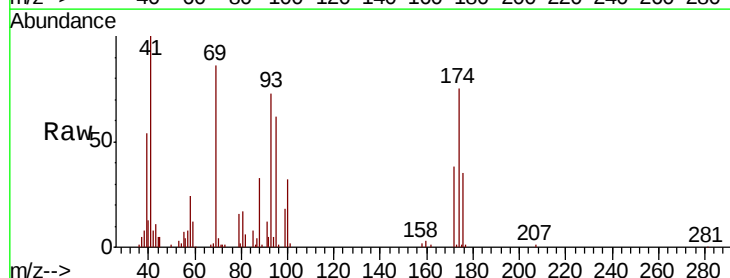
Instrument :
 MSVOA_N
 ClientSampled :

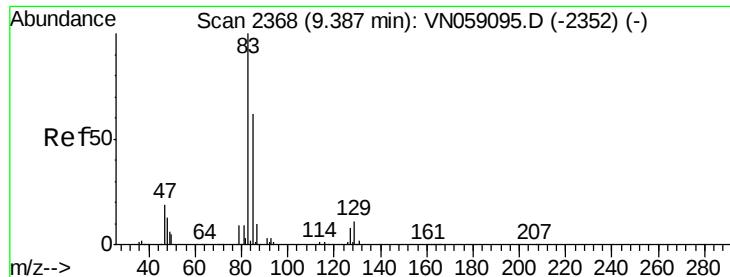
Tot Ion: 63 Resp: 99776
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0



#46
 Dibromomethane
 Concen: 22.412 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion: 93 Resp: 59649
 Ion Ratio Lower Upper
 93 100
 95 85.8 66.6 100.0
 174 102.9 78.2 117.2





#47

Bromodichloromethane

Concen: 23.026 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampleId :

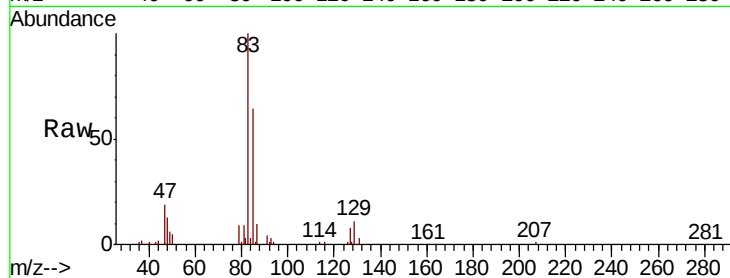
Tot Ion: 83 Resp: 122371

Ion Ratio Lower Upper

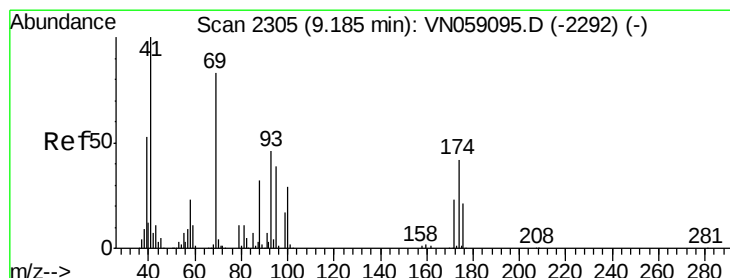
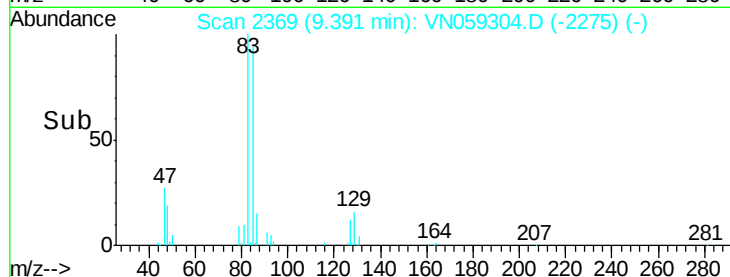
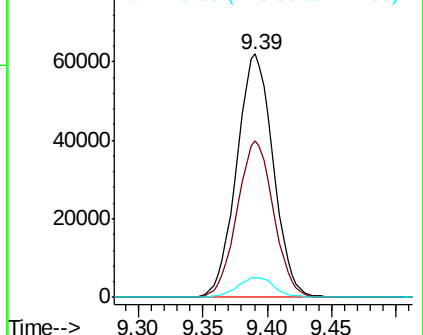
83 100

85 64.2 49.7 74.5

127 8.1 6.4 9.6



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



#48

Methyl methacrylate

Concen: 22.015 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

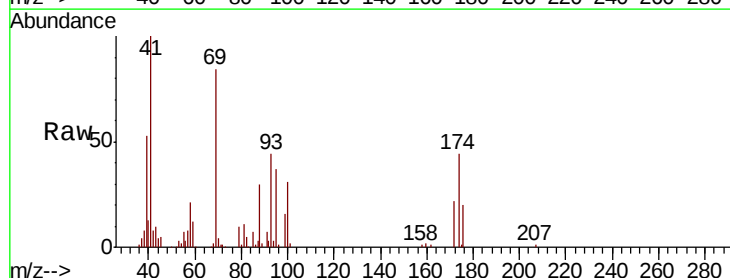
Tgt Ion: 41 Resp: 91198

Ion Ratio Lower Upper

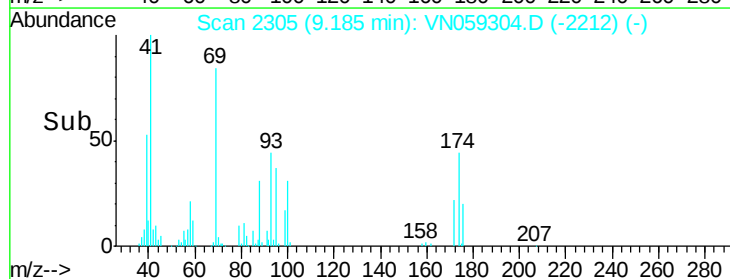
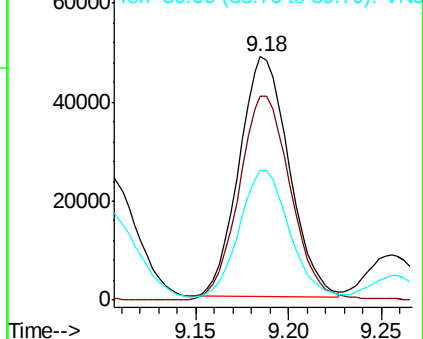
41 100

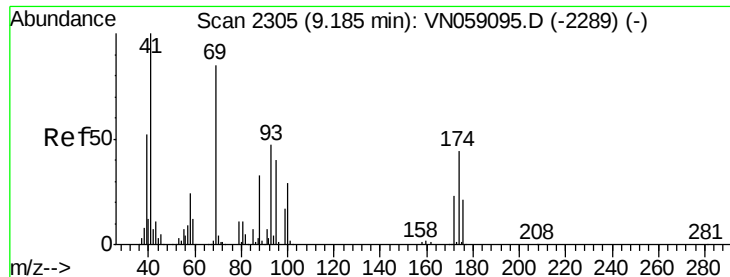
69 87.8 67.3 100.9

39 54.9 43.3 64.9



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





#49

1,4-Dioxane

Concen: 427.195 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :
MSVOA_N
ClientSampled :

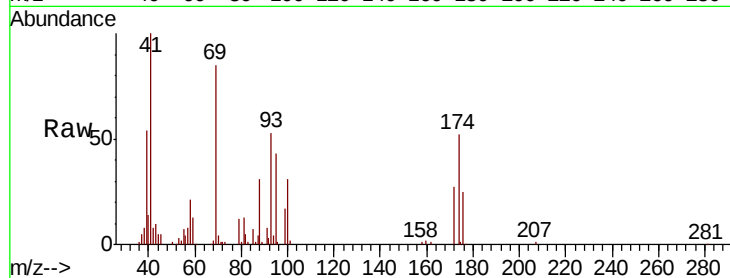
Tot Ion: 88 Resp: 31449

Ion Ratio Lower Upper

88 100

43 33.2 26.3 39.5

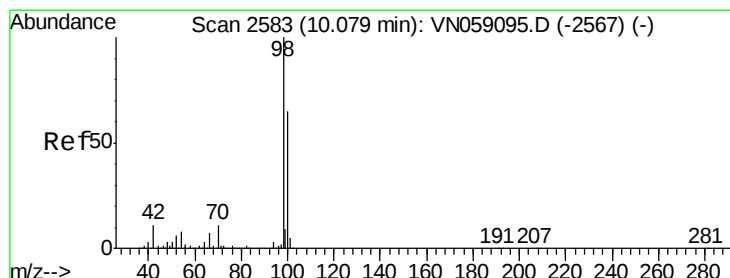
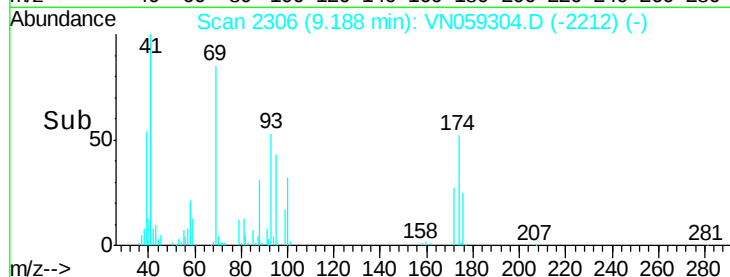
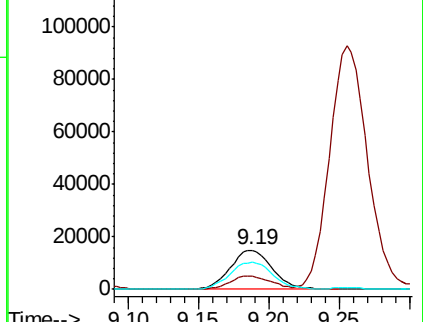
58 70.7 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VN059304.D (-2212) (-)

Ion 43.00 (42.70 to 43.70): VN059304.D (-2212) (-)

Ion 58.00 (57.70 to 58.70): VN059304.D (-2212) (-)



#50

Toluene-d8

Concen: 46.518 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059304.D

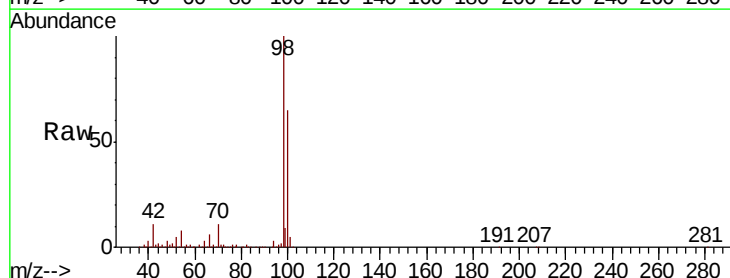
Acq: 19 Nov 2019 13:51

Tgt Ion: 98 Resp: 611195

Ion Ratio Lower Upper

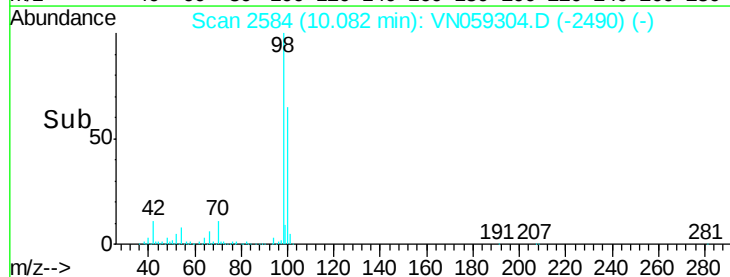
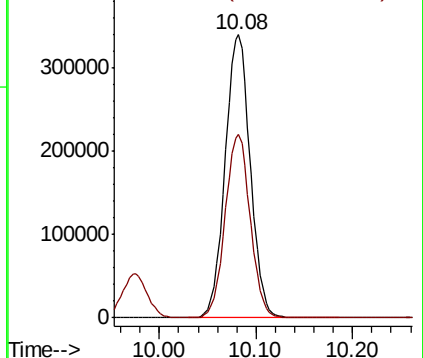
98 100

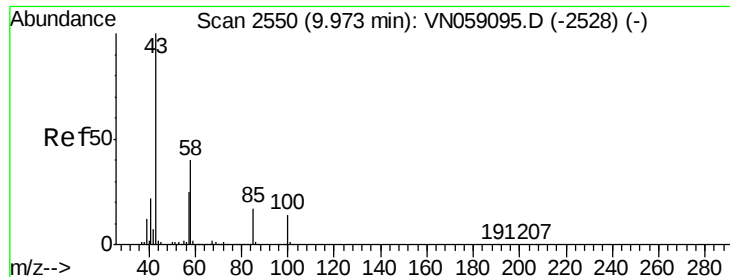
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059304.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059304.D (-2490) (-)





#51

4-Methyl-2-Pentanone

Concen: 124.795 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

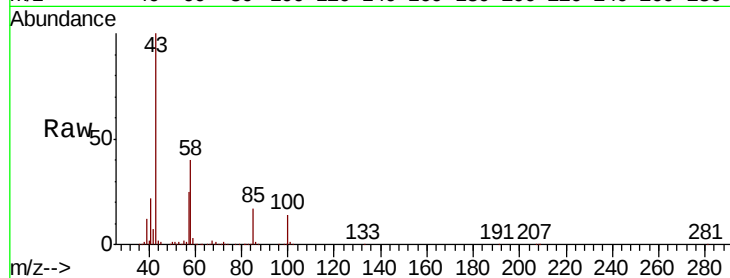
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 653942

Ion Ratio Lower Upper

43 100

58 39.5 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) (-)

9.97

400000

300000

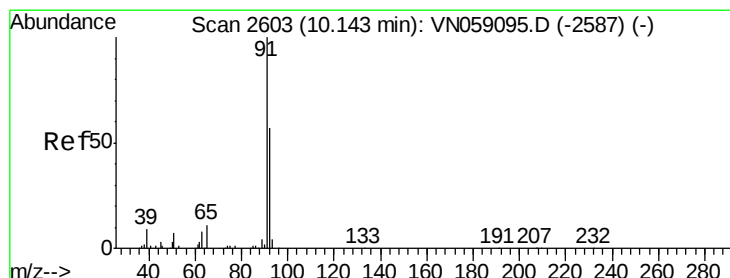
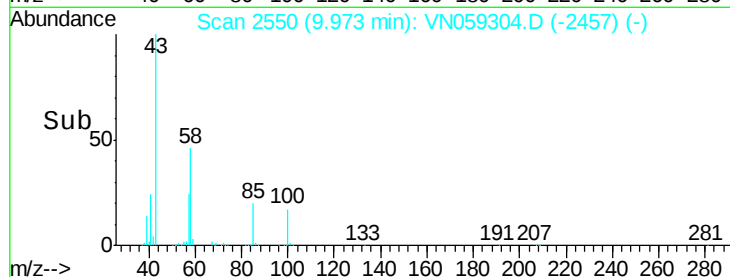
200000

100000

0

Time-->

9.90 10.00



#52

Toluene

Concen: 24.242 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059304.D

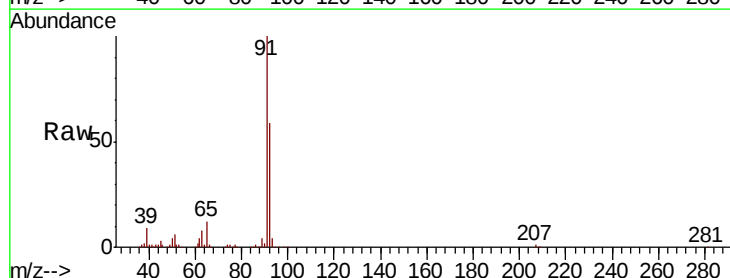
Acq: 19 Nov 2019 13:51

Tgt Ion: 92 Resp: 228476

Ion Ratio Lower Upper

92 100

91 170.7 139.5 209.3



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

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

250000

200000

150000

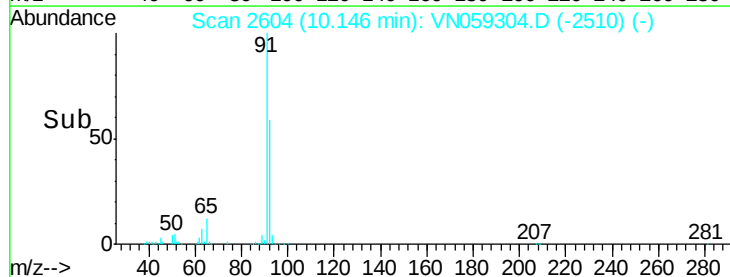
100000

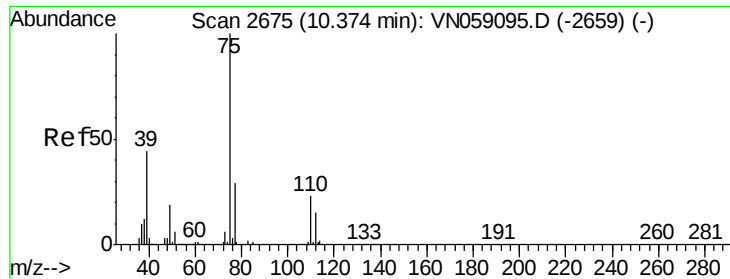
50000

0

Time-->

10.05 10.10 10.15 10.20





#53

t-1,3-Dichloropropene

Concen: 22.770 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

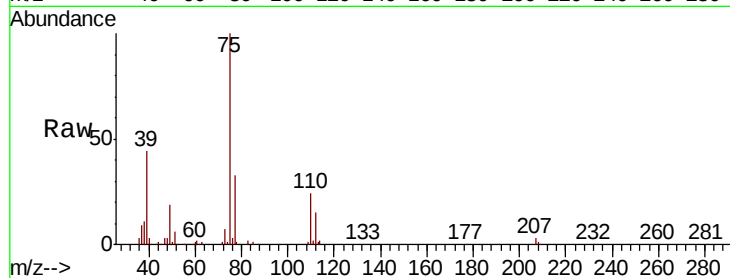
ClientSampled :

Tot Ion: 75 Resp: 139808

Ion Ratio Lower Upper

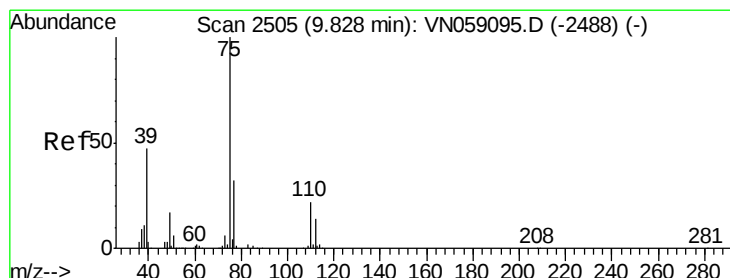
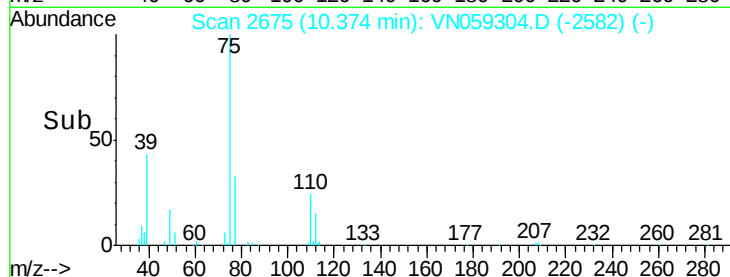
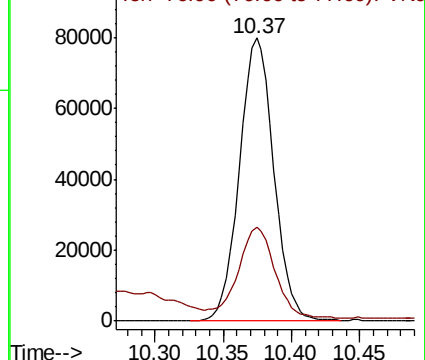
75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 23.359 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

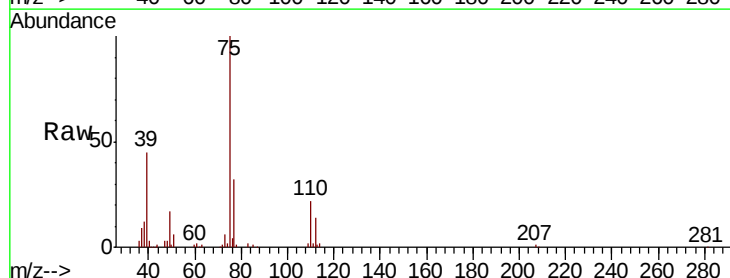
Tgt Ion: 75 Resp: 154278

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

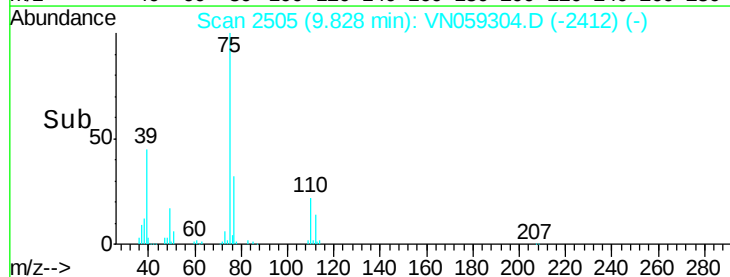
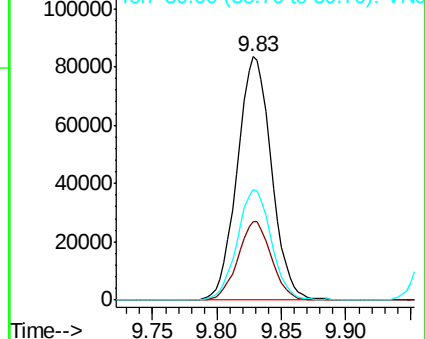
39 45.4 37.3 55.9

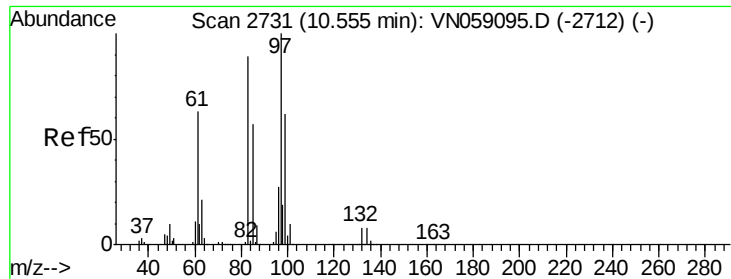


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

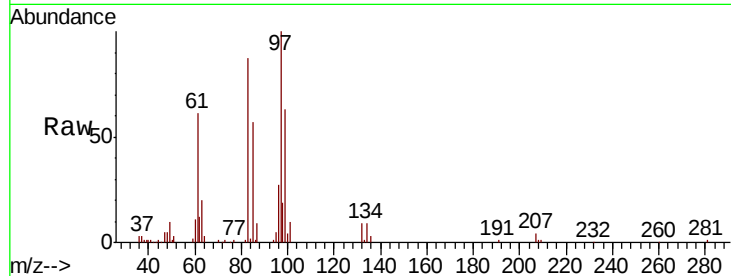




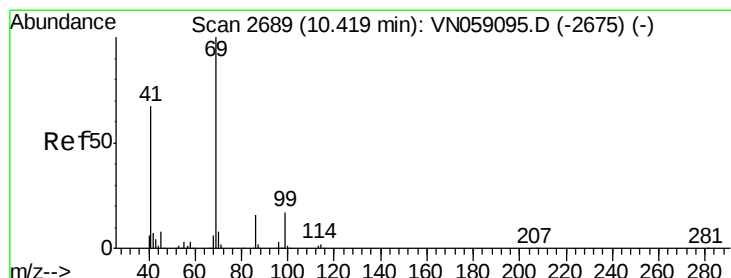
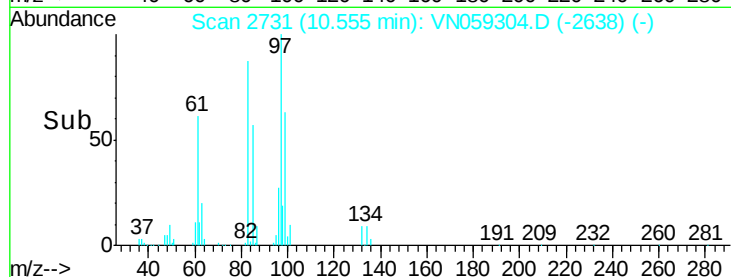
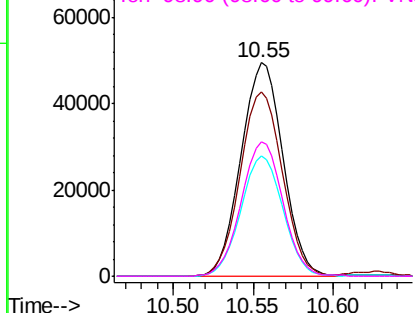
#55
 1,1,2-Trichloroethane
 Concen: 23.314 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	88927
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.0	106.4
85	56.5	45.8	68.8
99	63.1	49.4	74.0

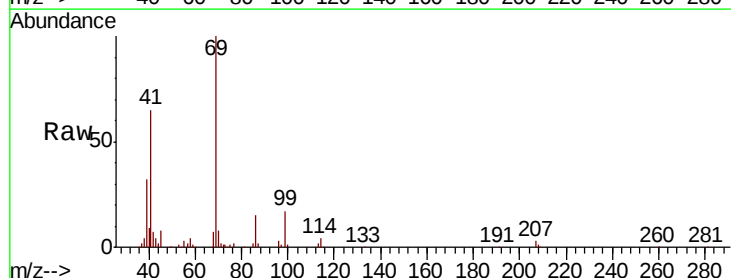


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

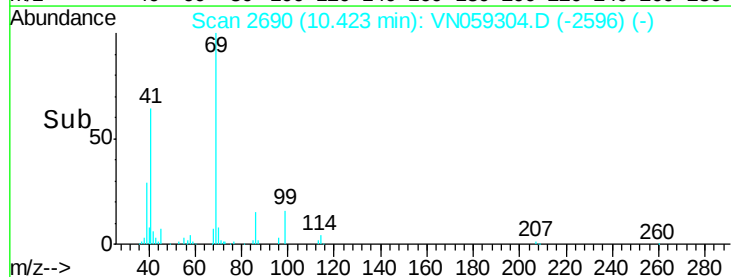
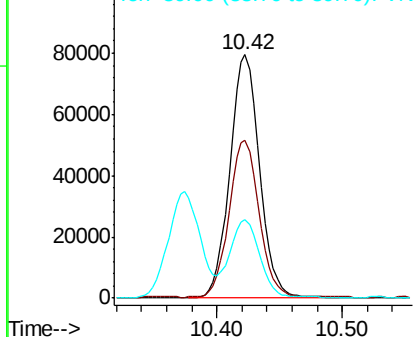


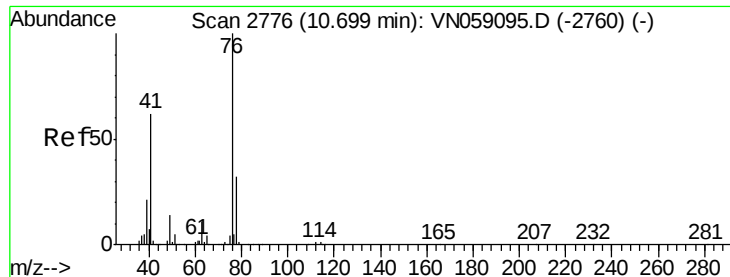
#56
 Ethyl methacrylate
 Concen: 21.651 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion:	69	Resp:	130718
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.6	80.4
39	32.2	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: 23.331 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

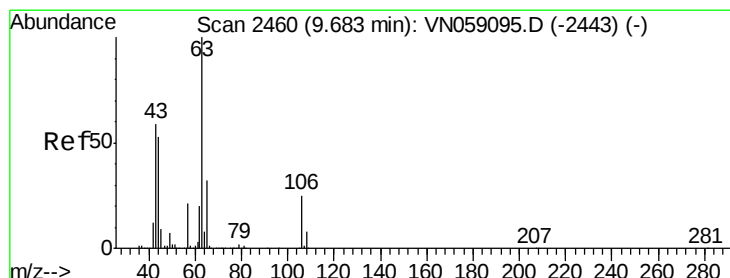
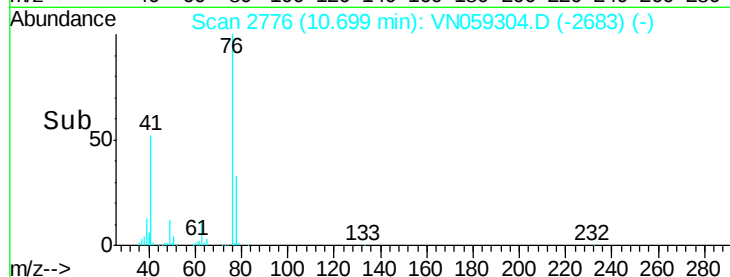
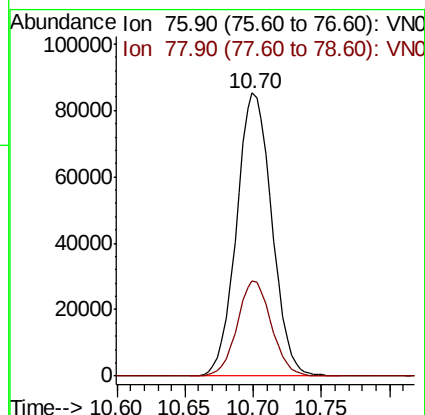
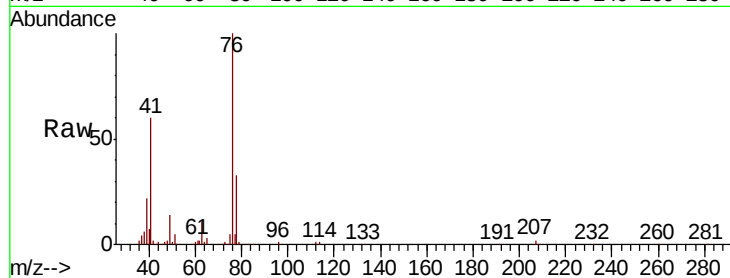
ClientSampleId :

Tot Ion: 76 Resp: 153163

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.523 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059304.D

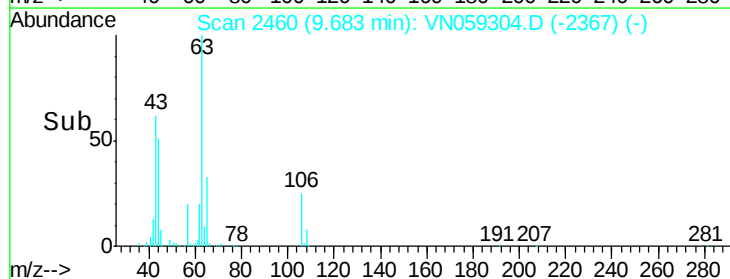
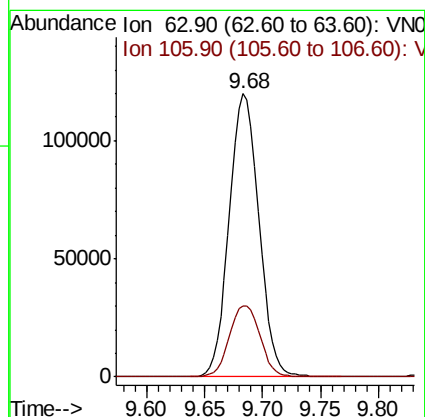
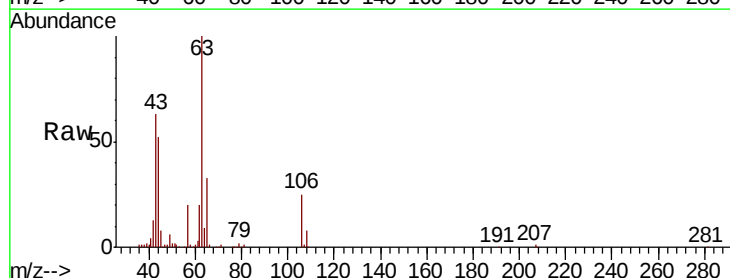
Acq: 19 Nov 2019 13:51

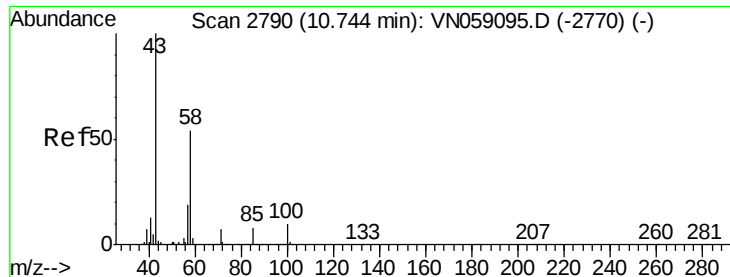
Tgt Ion: 63 Resp: 213386

Ion Ratio Lower Upper

63 100

106 25.9 20.2 30.2

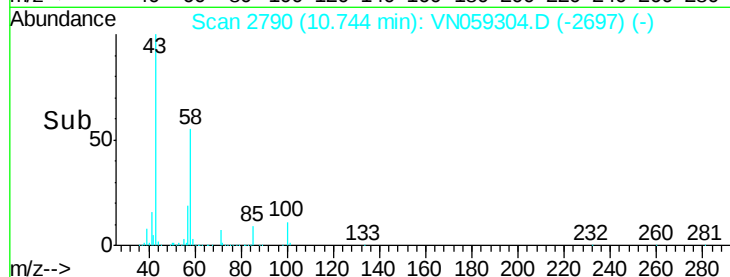
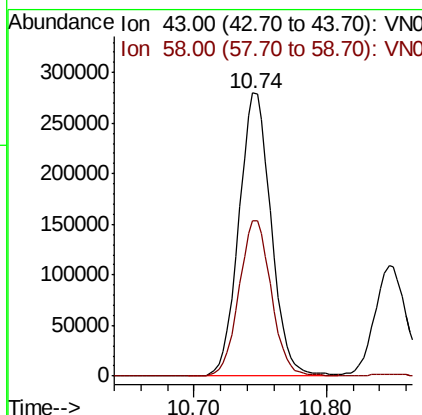
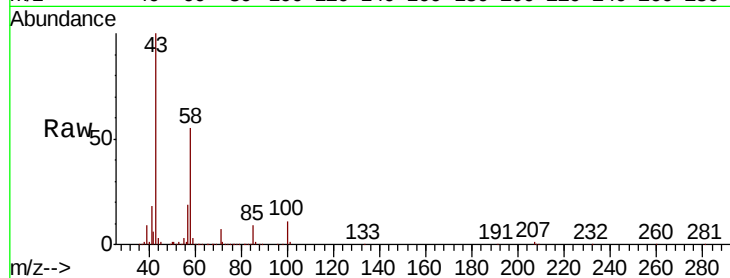




#59
2-Hexanone
Concen: 117.243 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

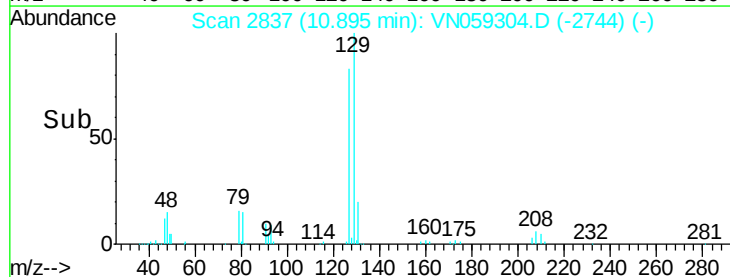
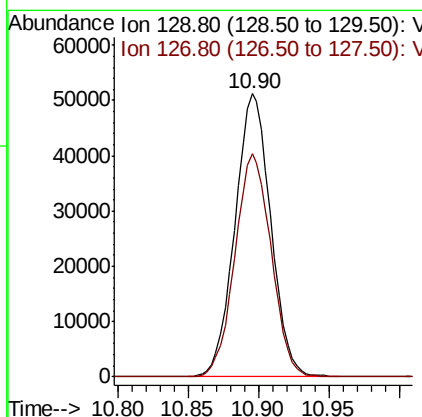
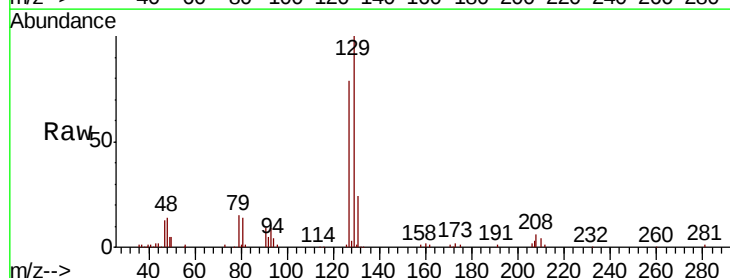
Instrument :
MSVOA_N
ClientSampleId :

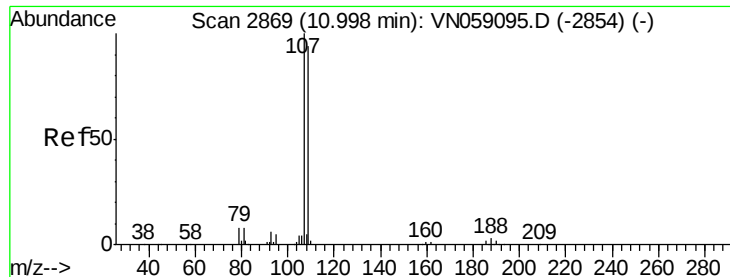
Tot Ion: 43 Resp: 471560
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 22.555 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion: 129 Resp: 90959
Ion Ratio Lower Upper
129 100
127 79.7 38.6 115.8

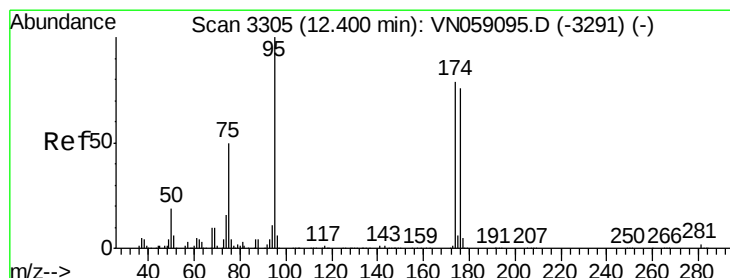
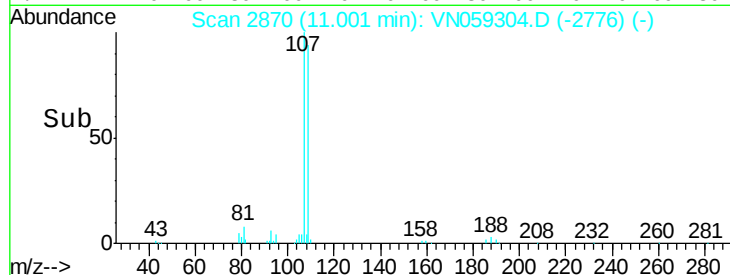
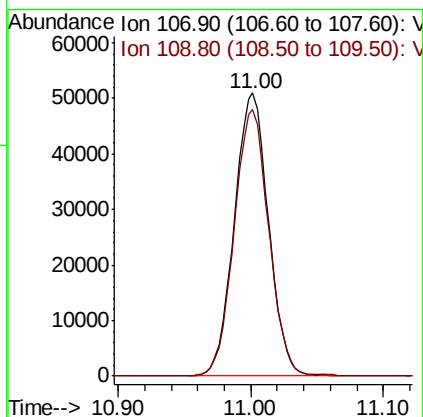
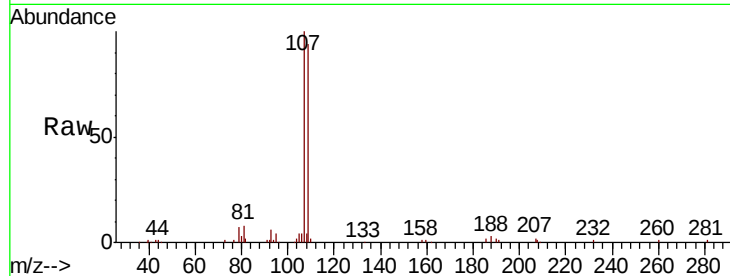




#61
 1,2-Dibromoethane
 Concen: 23.633 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

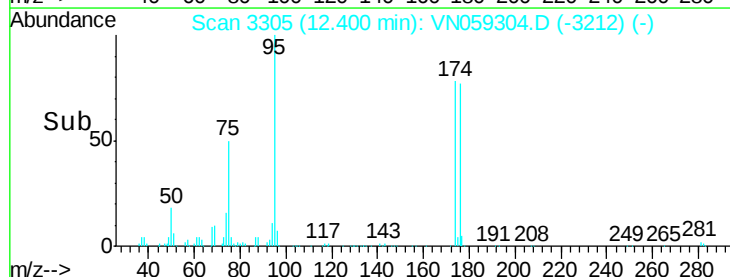
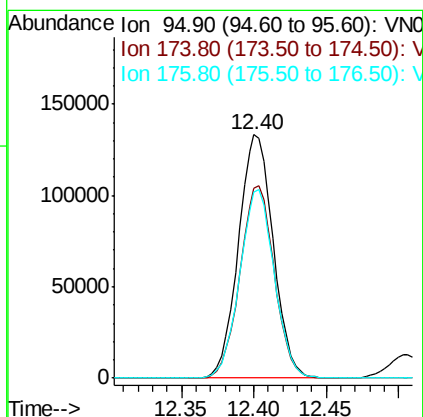
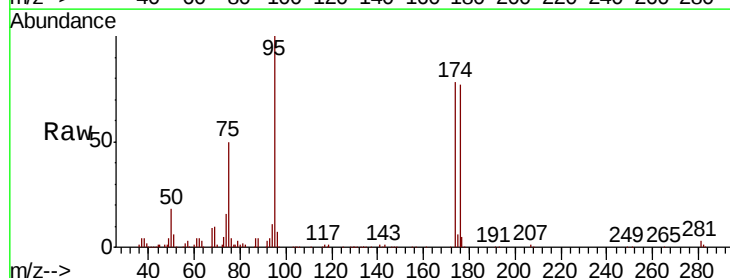
Instrument :
 MSVOA_N
 ClientSampleId :

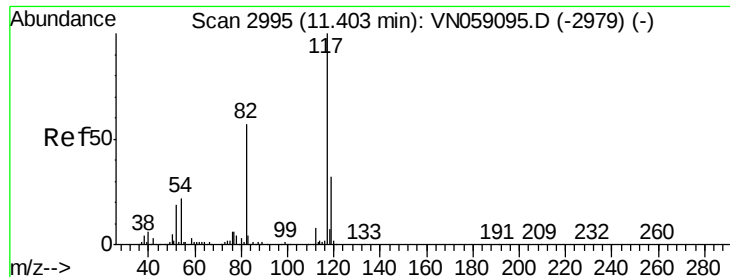
Tot Ion: 107 Resp: 91253
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 46.868 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion: 95 Resp: 222031
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 158.2
 176 77.0 0.0 151.8

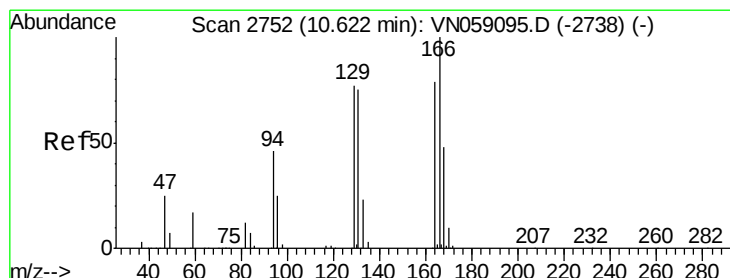
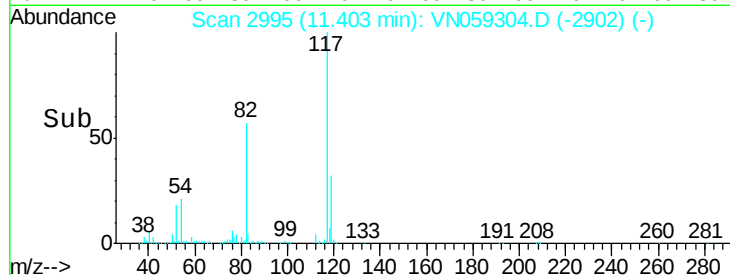
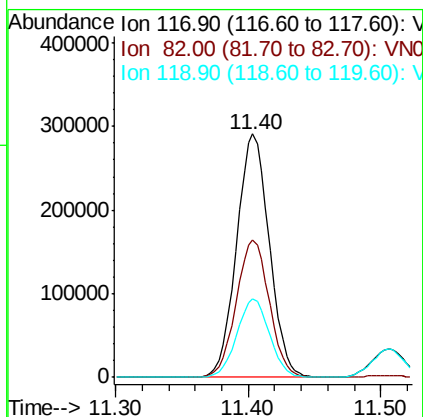
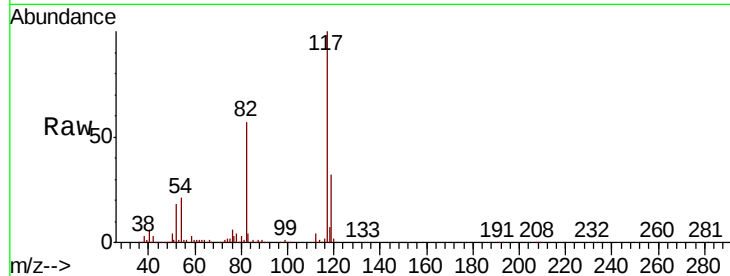




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

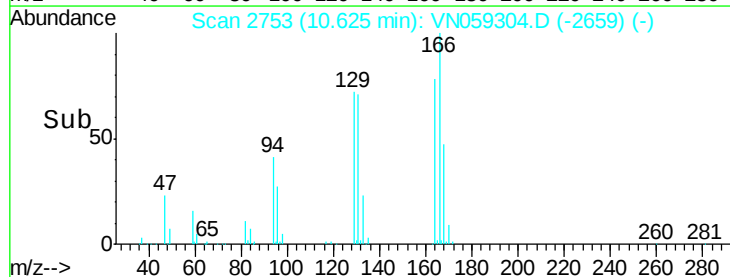
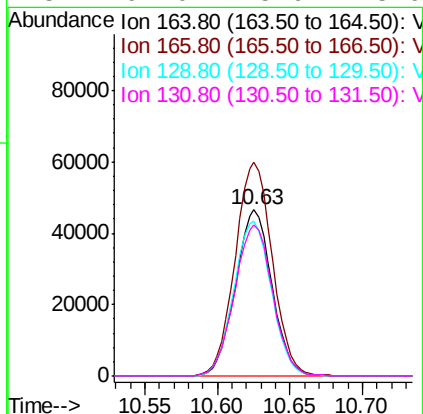
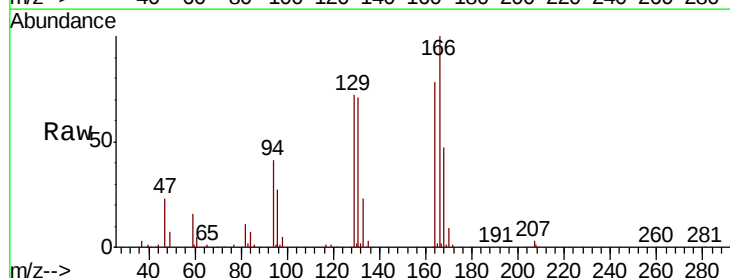
Instrument :
MSVOA_N
ClientSampleId :

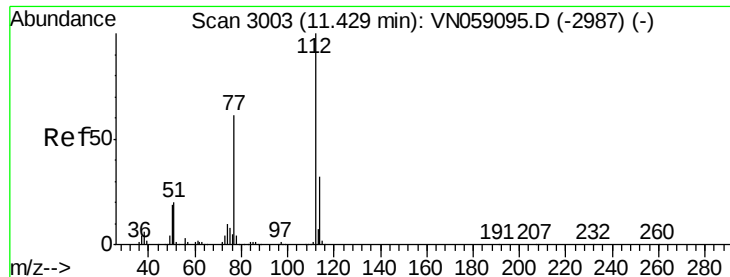
Tot Ion:117 Resp: 498072
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 24.083 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion:164 Resp: 81565
Ion Ratio Lower Upper
164 100
166 128.7 101.5 152.3
129 93.1 78.3 117.5
131 91.0 75.9 113.9

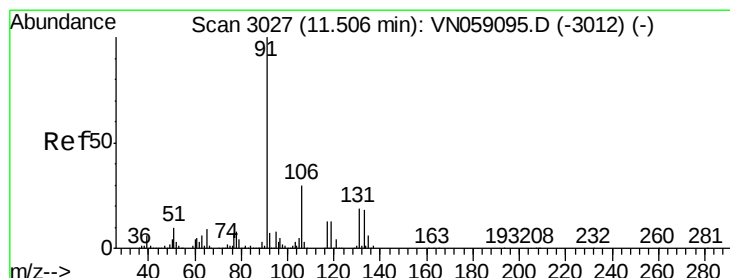
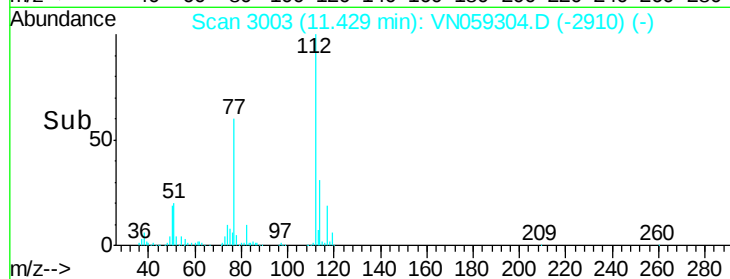
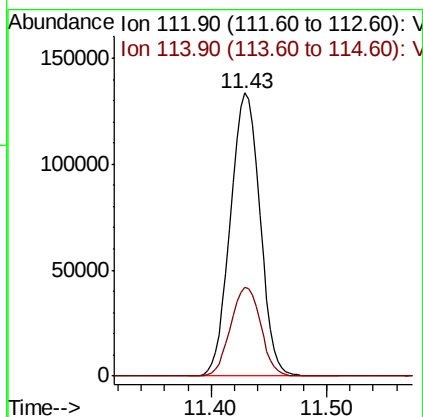
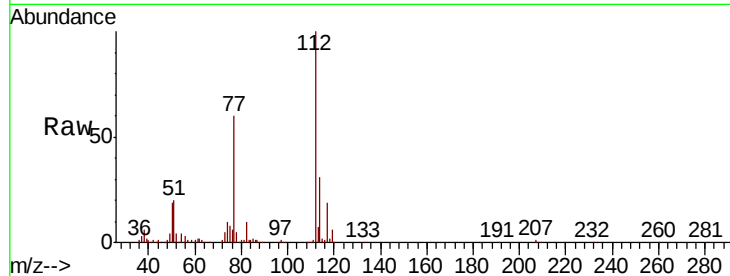




#65
Chlorobenzene
Concen: 24.265 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

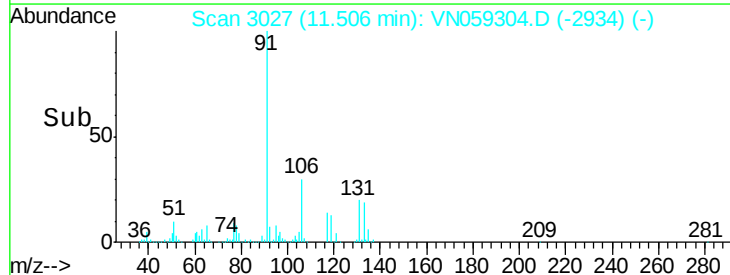
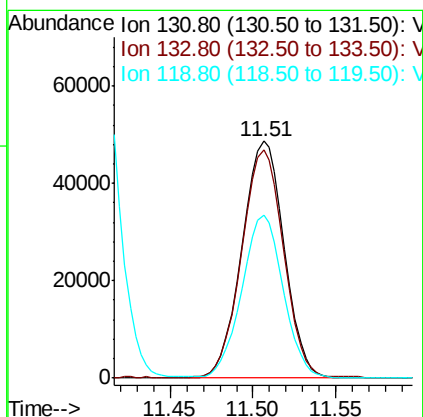
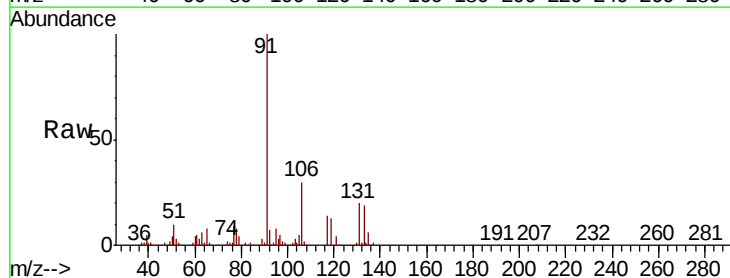
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 235599
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 23.662 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion:131 Resp: 86183
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.3
119 67.8 33.2 99.6





#67

Ethyl Benzene

Concen: 24.760 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

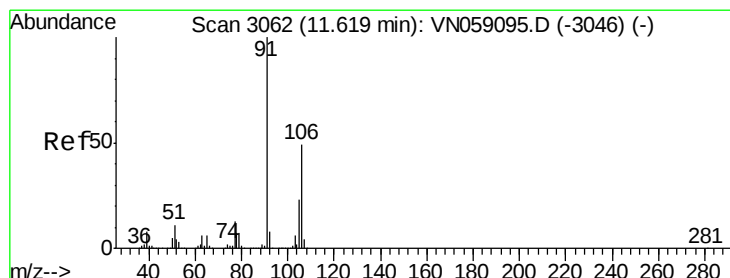
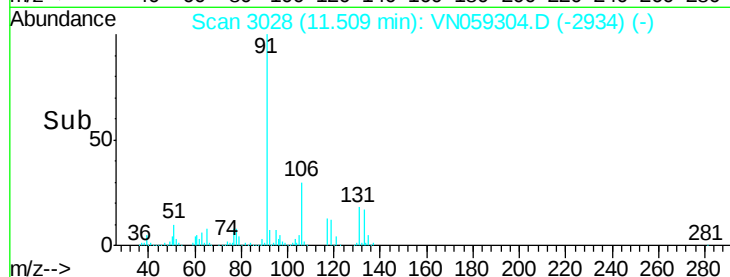
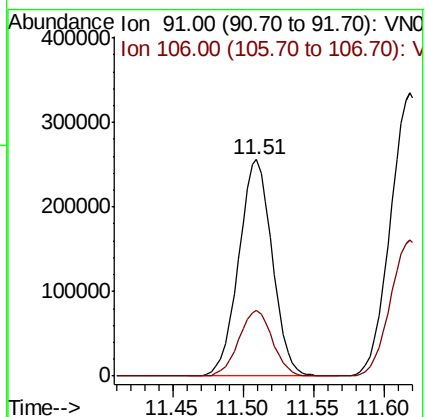
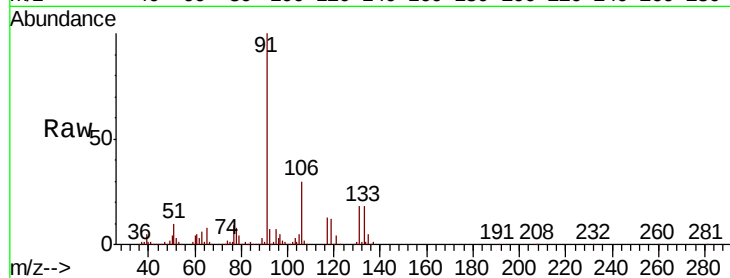
ClientSampled :

Tot Ion: 91 Resp: 426539

Ion Ratio Lower Upper

91 100

106 30.3 24.1 36.1



#68

m/p-Xylenes

Concen: 48.727 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059304.D

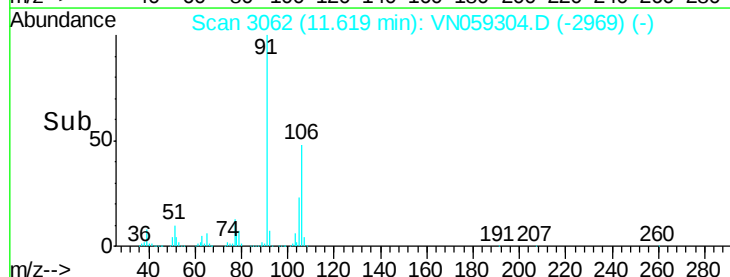
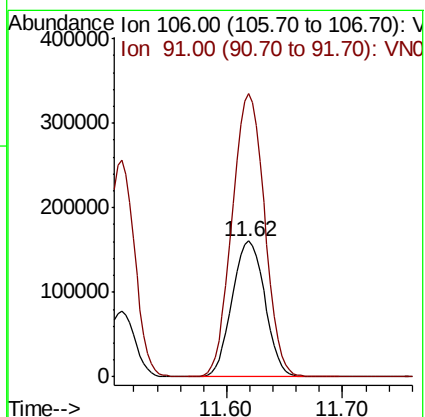
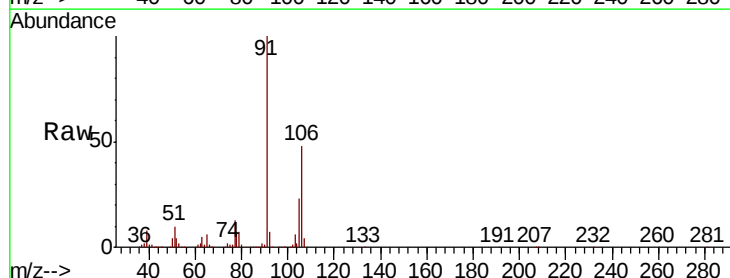
Acq: 19 Nov 2019 13:51

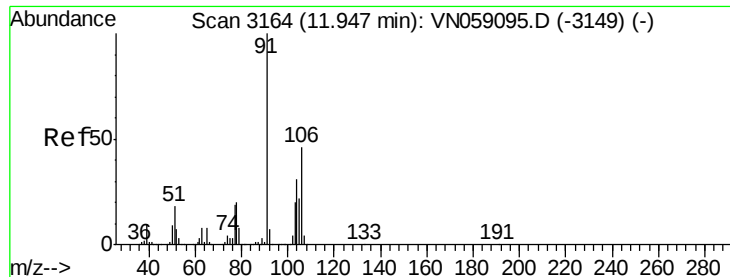
Tgt Ion: 106 Resp: 314429

Ion Ratio Lower Upper

106 100

91 206.7 164.7 247.1

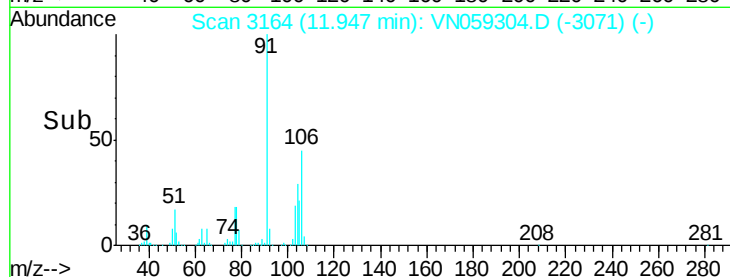
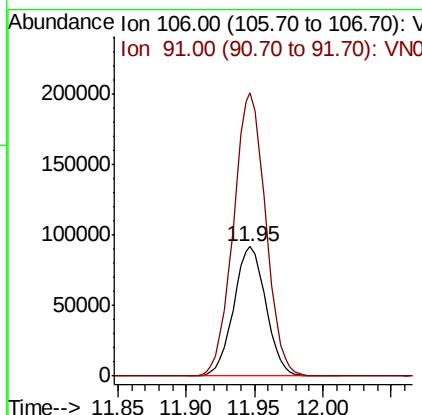
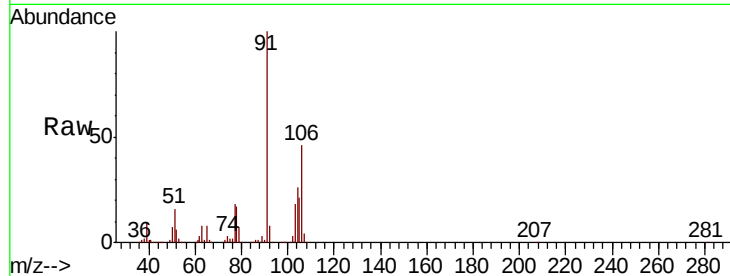




#69
o-Xylene
Concen: 24.181 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

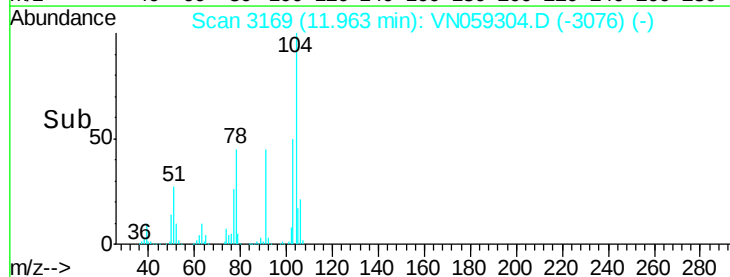
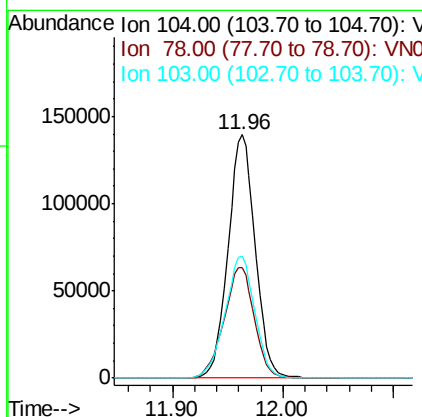
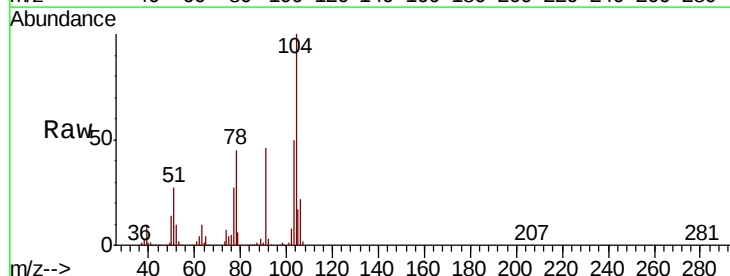
Instrument :
MSVOA_N
ClientSampled :

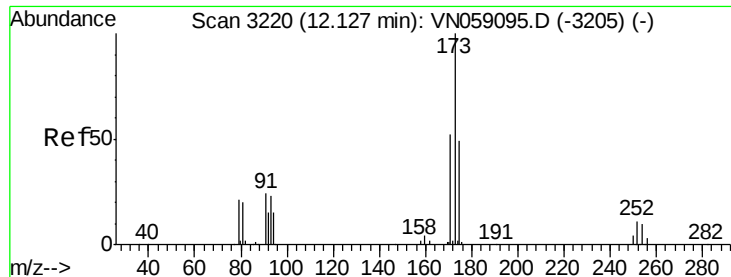
Tot Ion:106 Resp: 150793
Ion Ratio Lower Upper
106 100
91 218.5 110.1 330.3



#70
Styrene
Concen: 24.280 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion:104 Resp: 238132
Ion Ratio Lower Upper
104 100
78 50.8 41.2 61.8
103 54.8 43.8 65.6

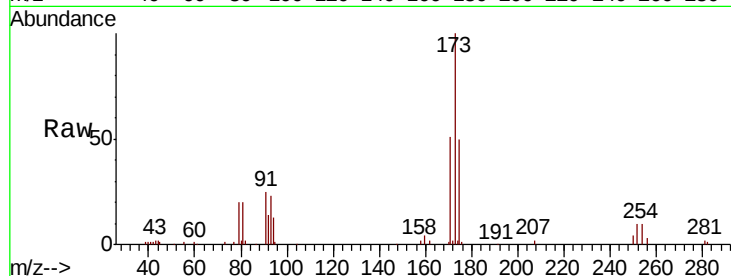




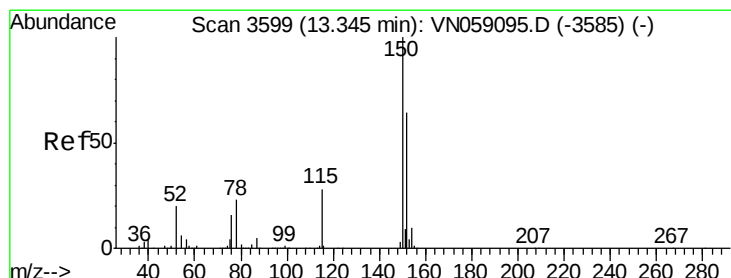
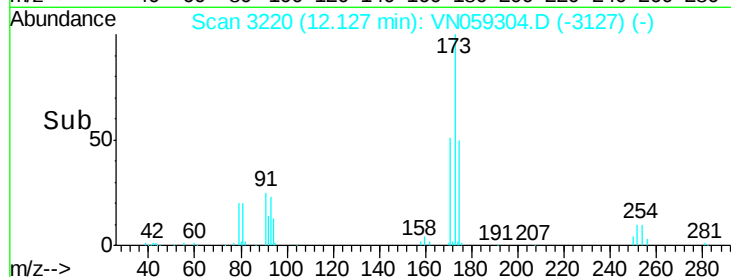
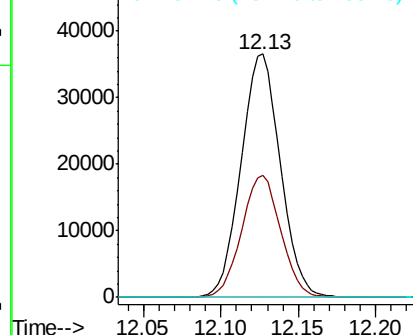
#71
Bromoform
Concen: 22.840 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 64708
Ion Ratio Lower Upper
173 100
175 49.8 24.2 72.6
254 0.0 0.1 0.1#

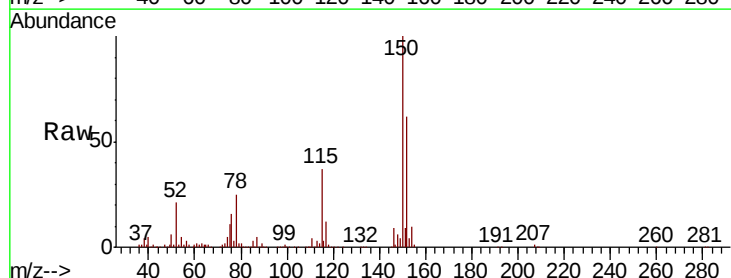


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

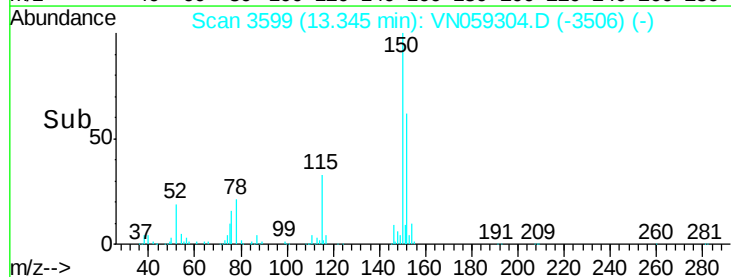
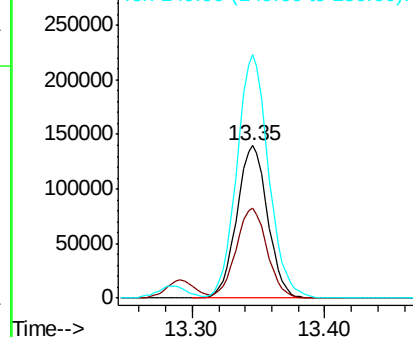


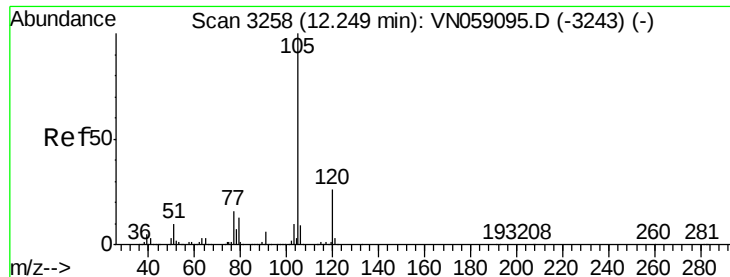
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059304.D
Acq: 19 Nov 2019 13:51

Tgt Ion:152 Resp: 225424
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.2
150 164.9 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: 24.864 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

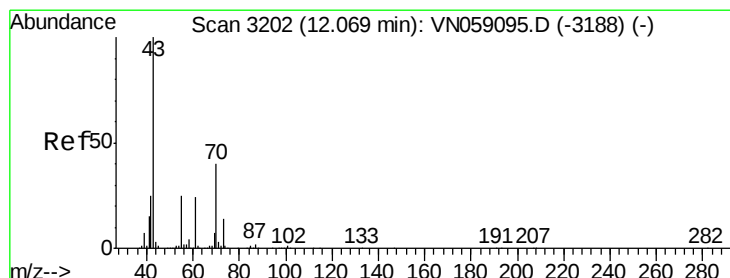
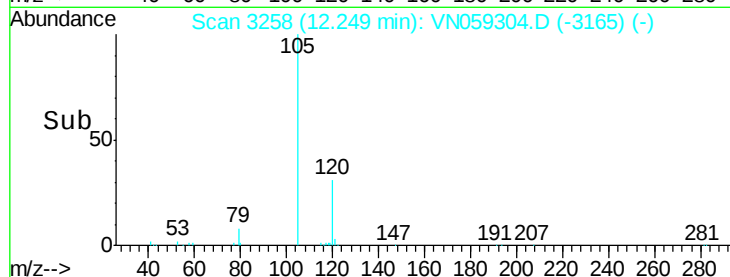
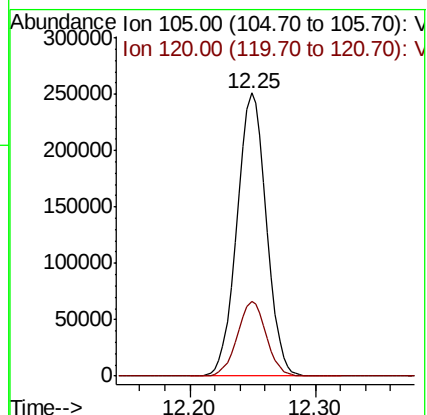
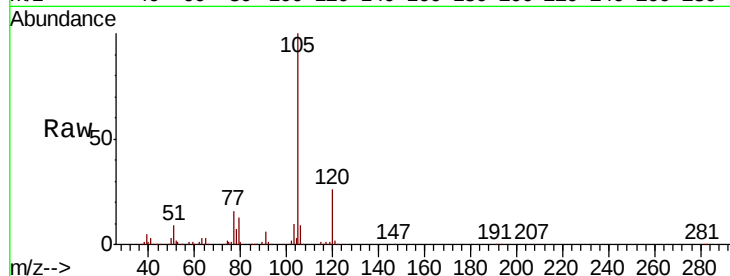
ClientSampled :

Tot Ion:105 Resp: 407709

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



#74

N-ethyl acetate

Concen: 22.434 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Tgt Ion: 43 Resp: 155873

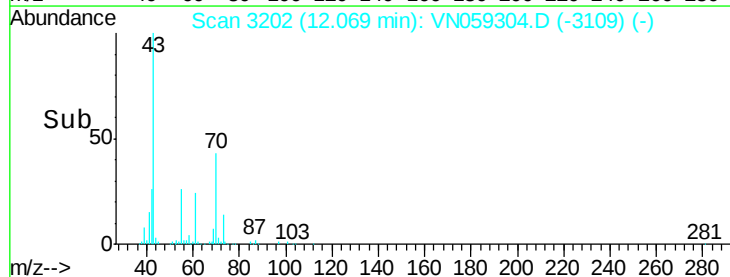
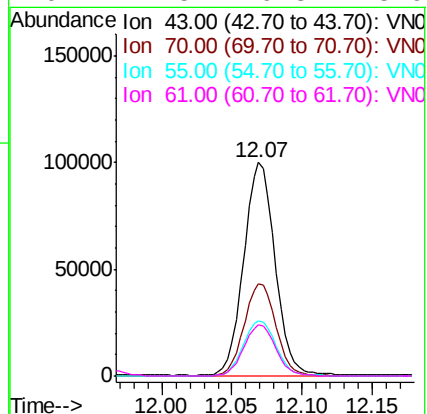
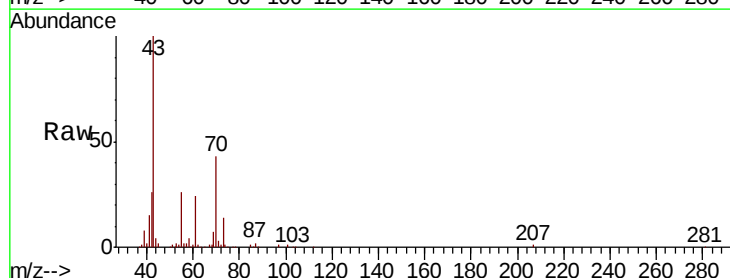
Ion Ratio Lower Upper

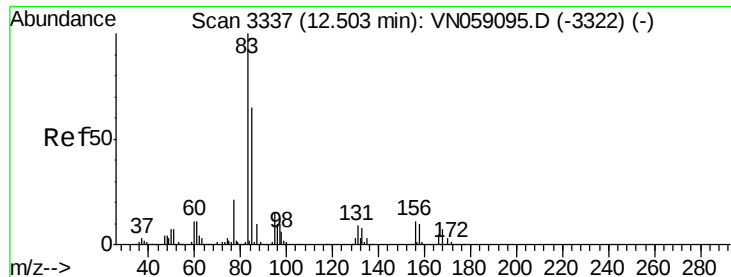
43 100

70 43.9 32.2 48.4

55 27.2 20.4 30.6

61 24.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 24.117 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampled :

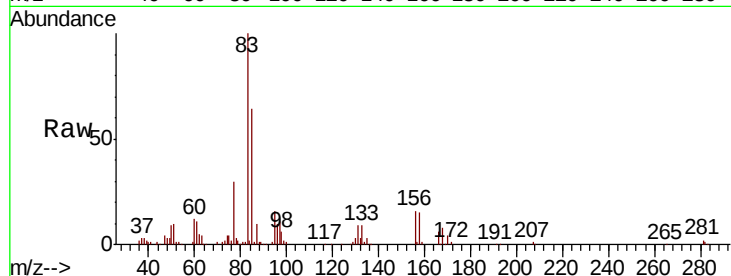
Tot Ion: 83 Resp: 134674

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

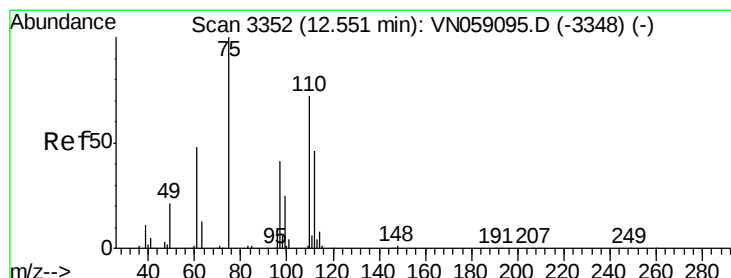
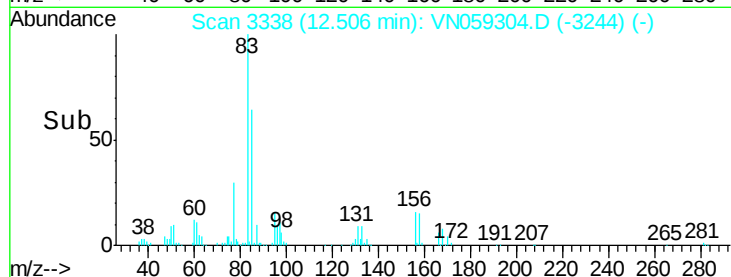
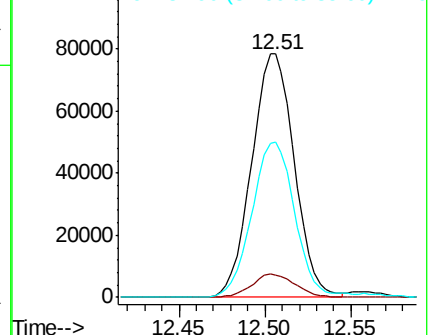
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 34.102 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059304.D

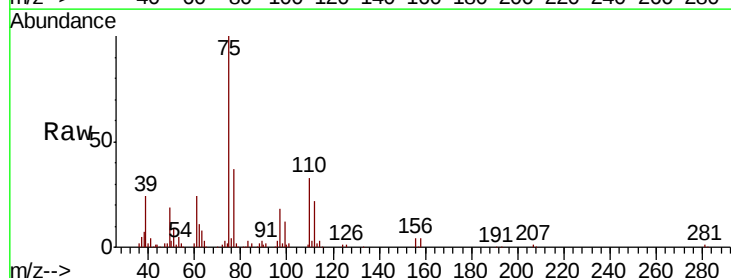
Acq: 19 Nov 2019 13:51

Tgt Ion: 75 Resp: 175016

Ion Ratio Lower Upper

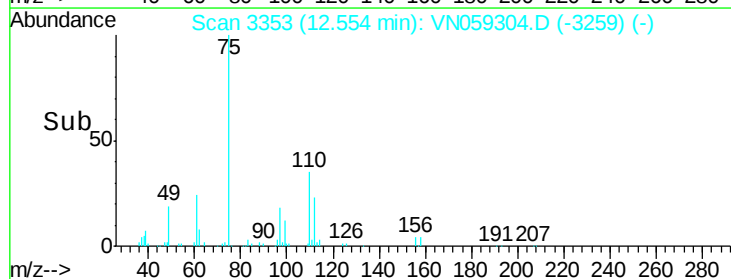
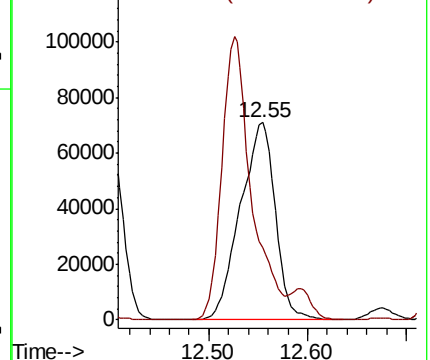
75 100

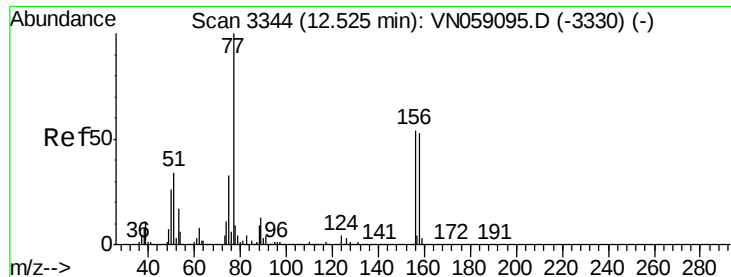
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 23.641 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampled :

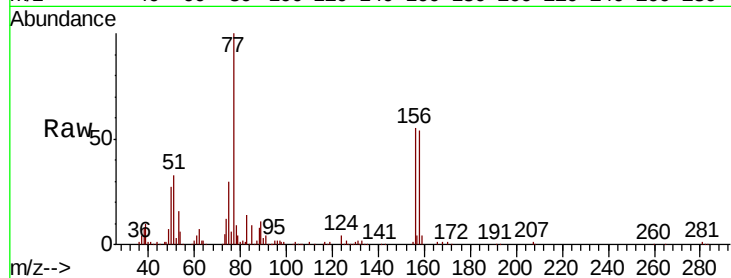
Tot Ion:156 Resp: 97395

Ion Ratio Lower Upper

156 100

77 219.1 112.8 338.3

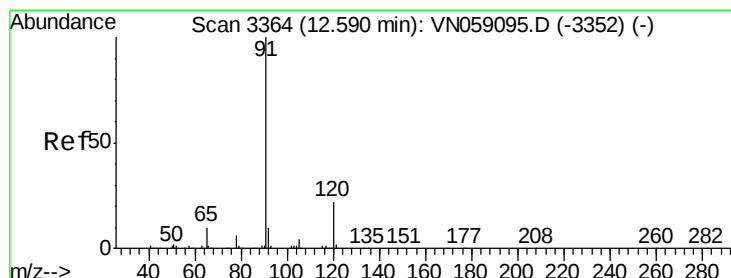
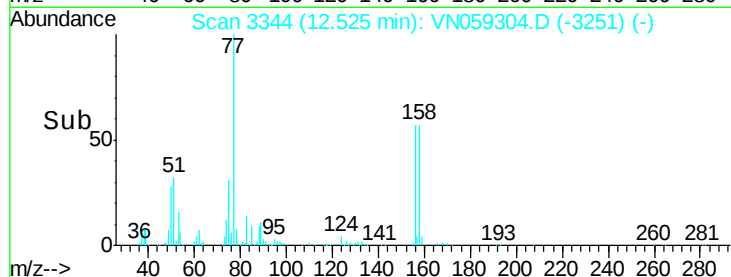
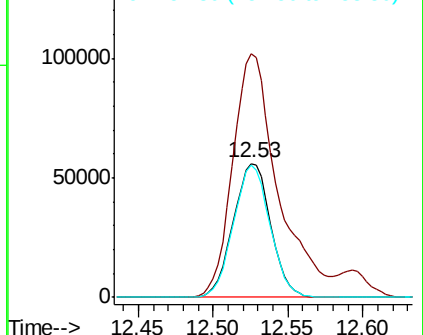
158 96.7 48.4 145.3



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: 24.622 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059304.D

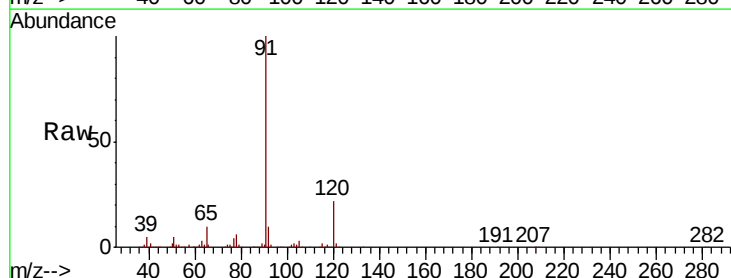
Acq: 19 Nov 2019 13:51

Tgt Ion: 91 Resp: 462282

Ion Ratio Lower Upper

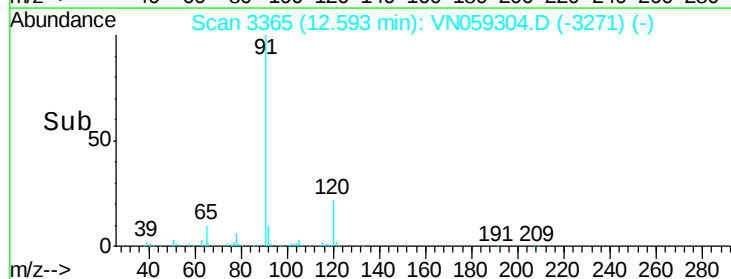
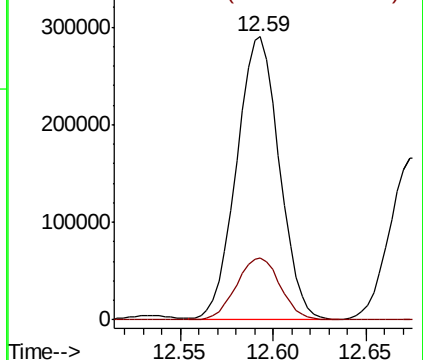
91 100

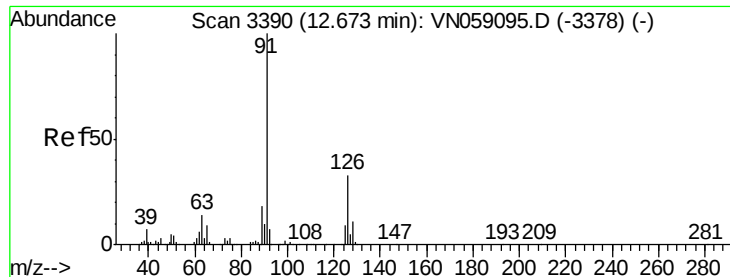
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.946 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

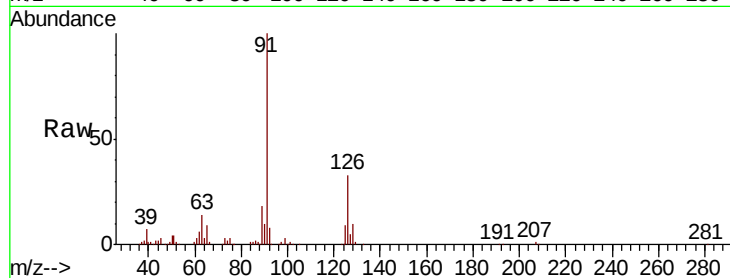
ClientSampleId :

Tot Ion: 91 Resp: 278903

Ion Ratio Lower Upper

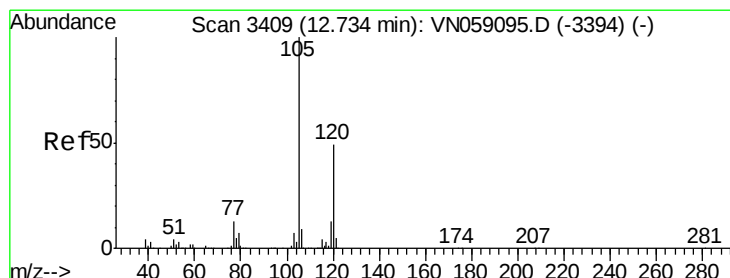
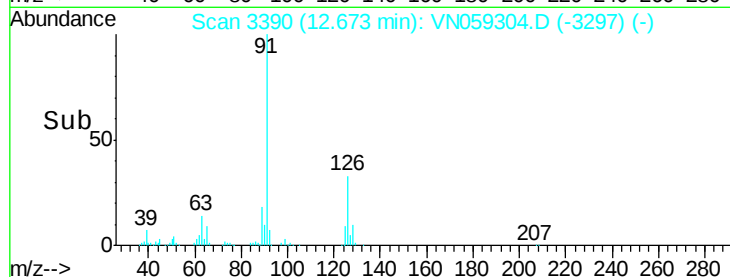
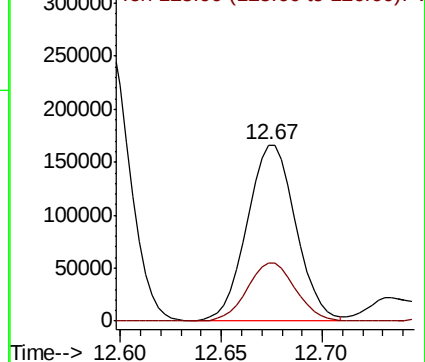
91 100

126 33.3 16.7 50.1



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

Ion 125.90 (125.60 to 126.60): VN059095.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 24.749 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059304.D

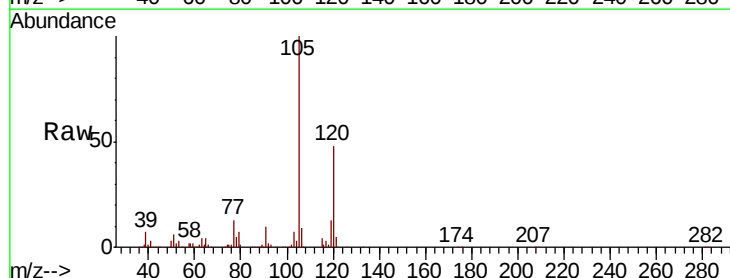
Acq: 19 Nov 2019 13:51

Tgt Ion: 105 Resp: 343870

Ion Ratio Lower Upper

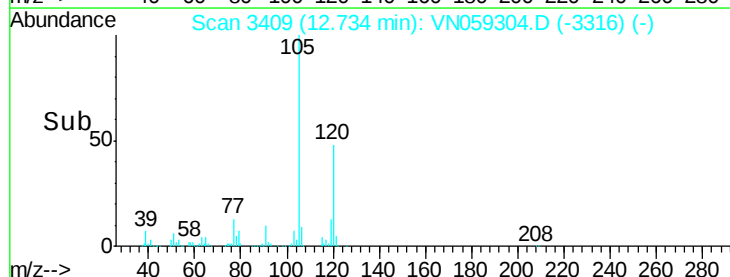
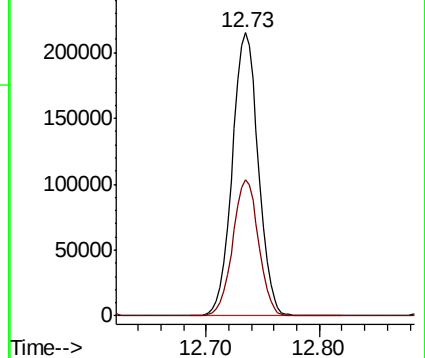
105 100

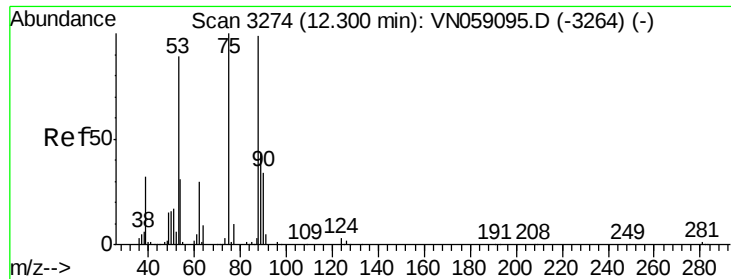
120 47.7 24.0 72.0



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

Ion 120.00 (119.70 to 120.70): VN059095.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.544 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampleId :

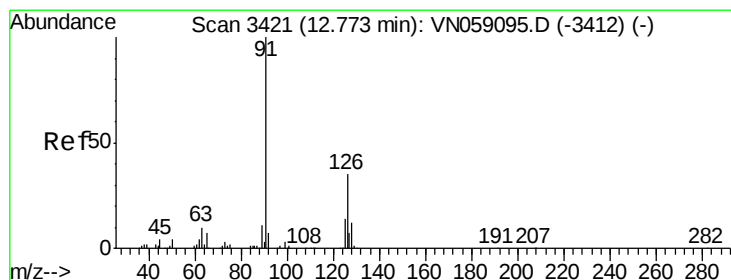
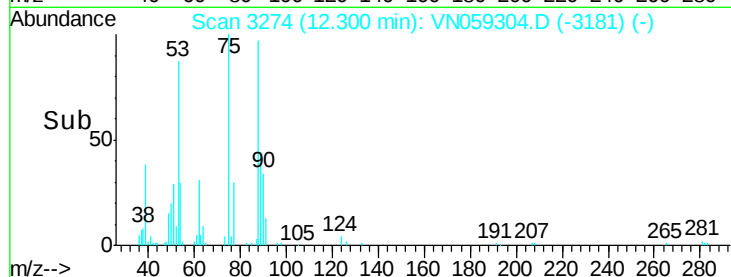
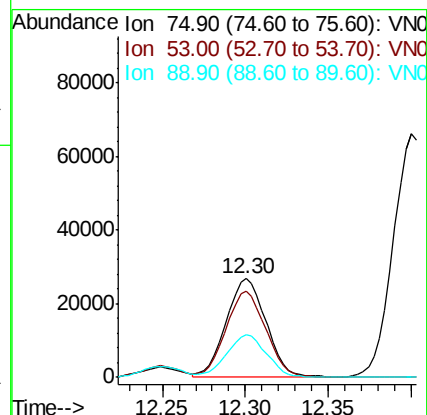
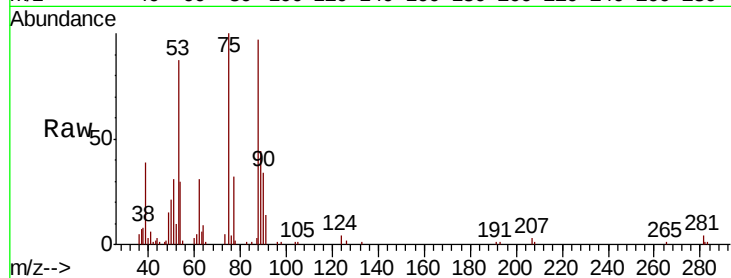
Tot Ion: 75 Resp: 43805

Ion Ratio Lower Upper

75 100

53 88.4 72.2 108.2

89 44.3 35.8 53.8



#82

4-Chlorotoluene

Concen: 23.810 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN059304.D

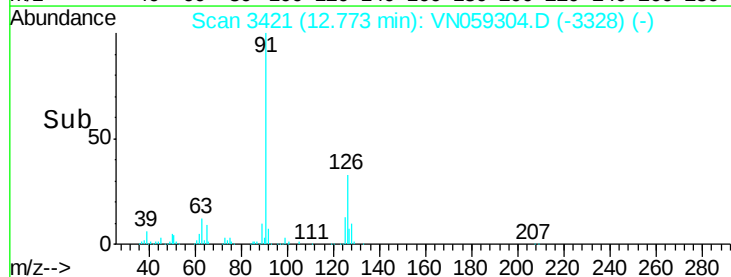
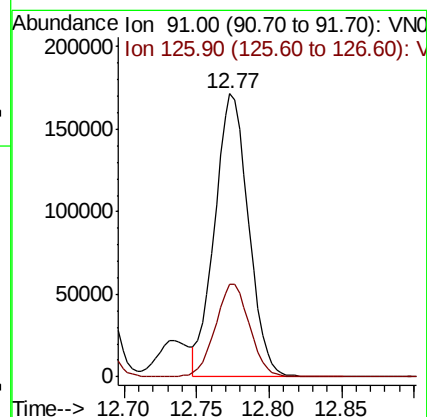
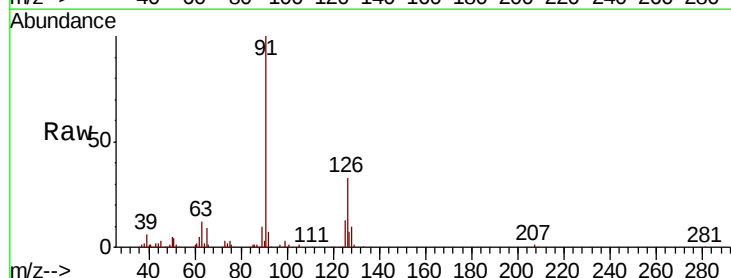
Acq: 19 Nov 2019 13:51

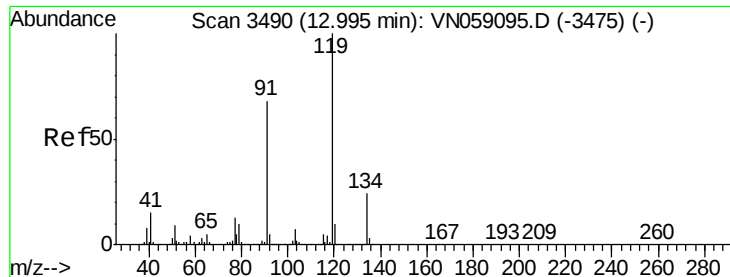
Tgt Ion: 91 Resp: 278148

Ion Ratio Lower Upper

91 100

126 33.3 16.1 48.2





#83

tert-Butylbenzene

Concen: 24.288 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampled :

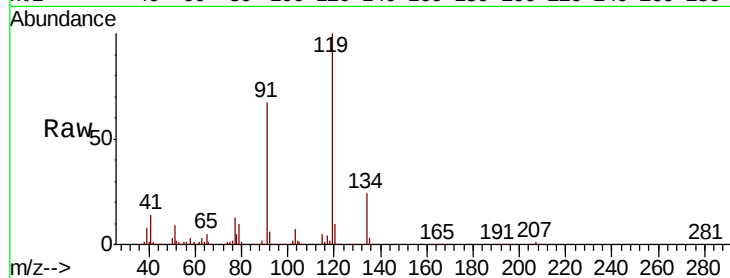
Tot Ion:119 Resp: 291435

Ion Ratio Lower Upper

119 100

91 65.2 33.2 99.6

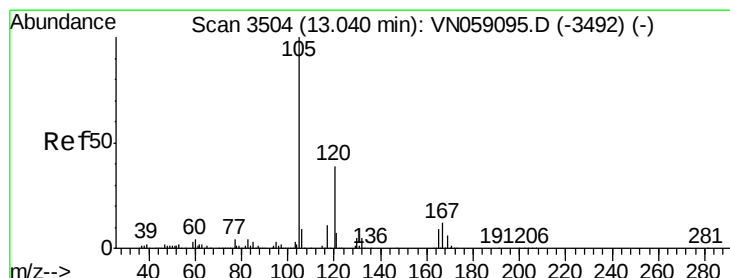
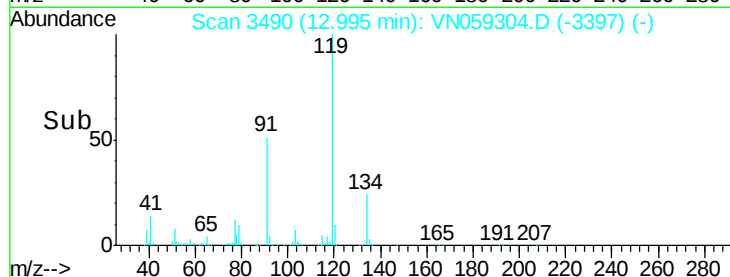
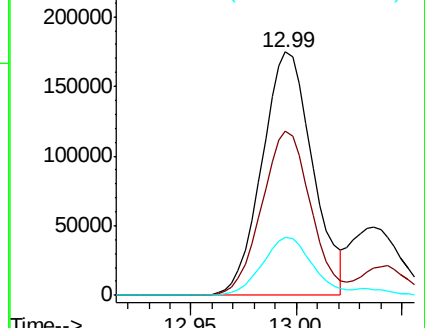
134 23.9 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 24.928 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN059304.D

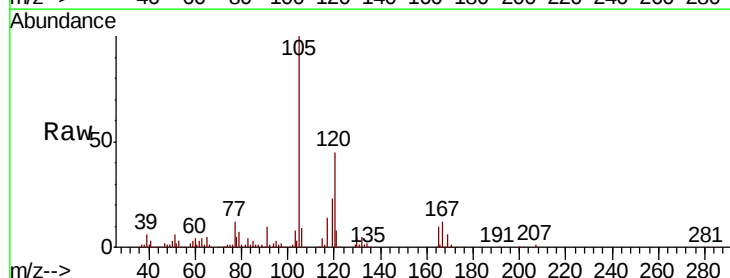
Acq: 19 Nov 2019 13:51

Tgt Ion:105 Resp: 335095

Ion Ratio Lower Upper

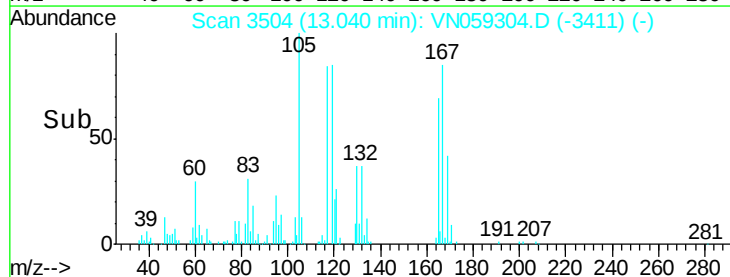
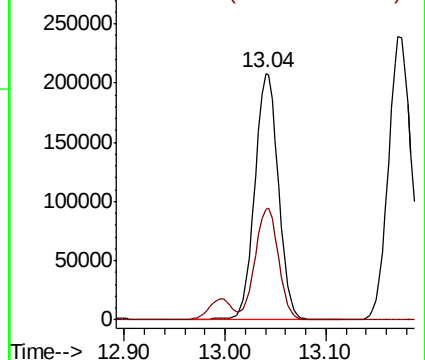
105 100

120 44.8 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 24.709 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

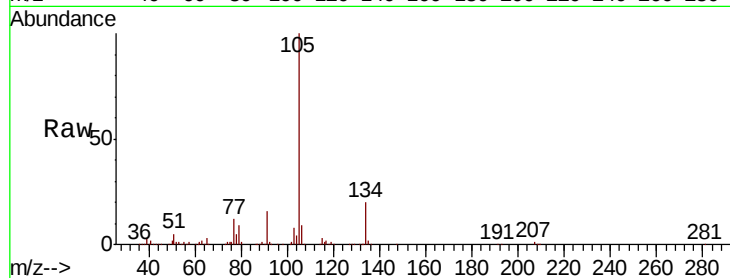
ClientSampled :

Tot Ion:105 Resp: 385585

Ion Ratio Lower Upper

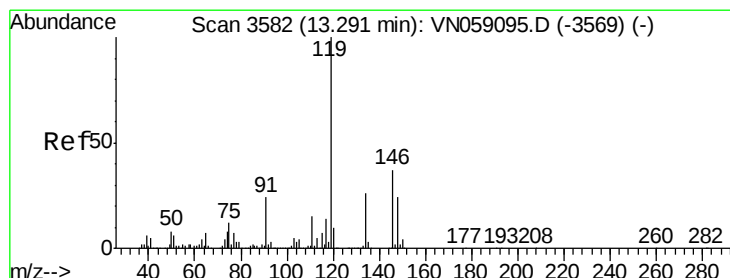
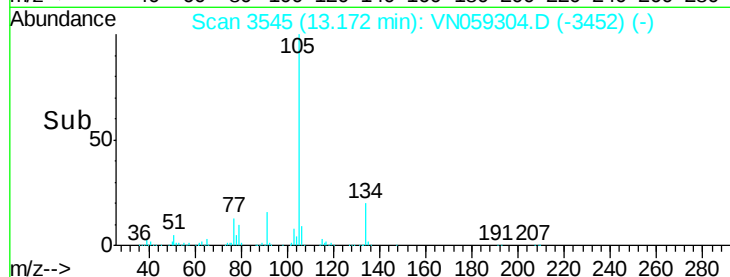
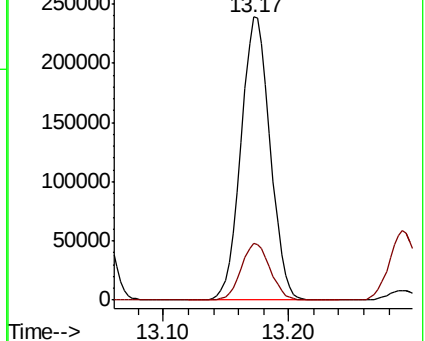
105 100

134 19.9 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 24.638 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

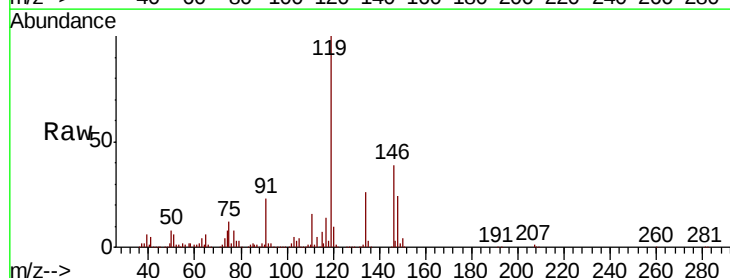
Tgt Ion:119 Resp: 339480

Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

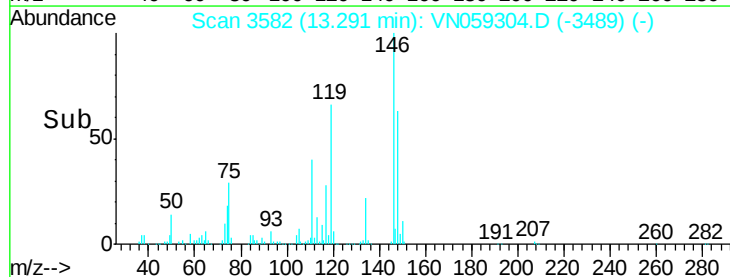
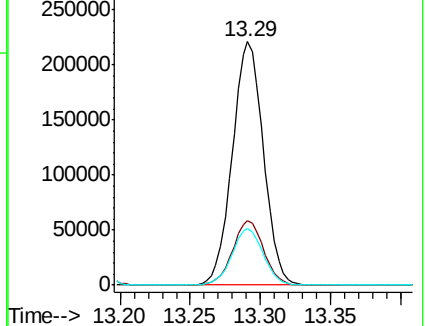
91 23.4 11.7 35.1



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





#87

1,3-Dichlorobenzene

Concen: 23.704 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampled :

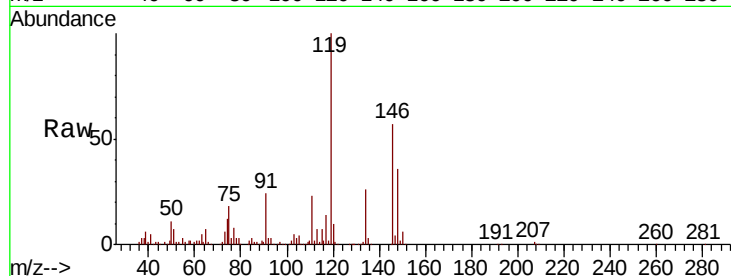
Tot Ion:146 Resp: 167224

Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.3

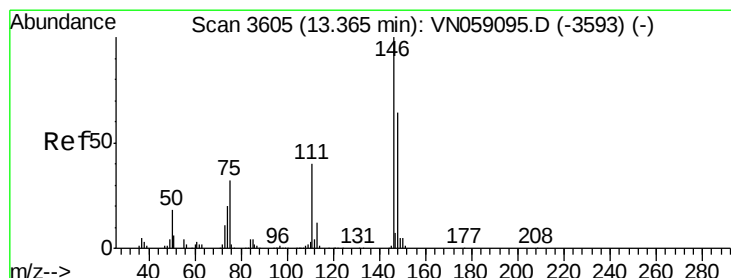
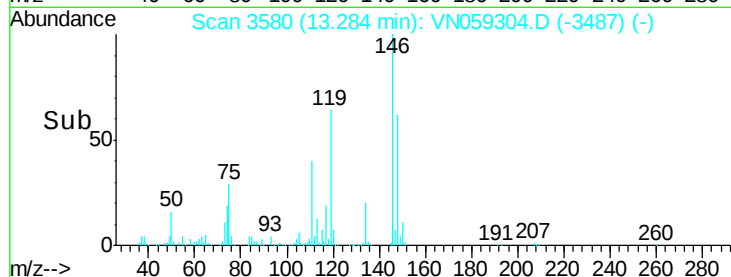
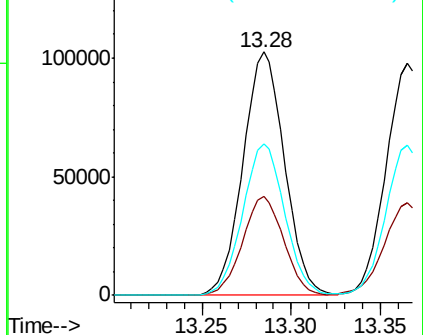
148 63.1 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 22.868 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

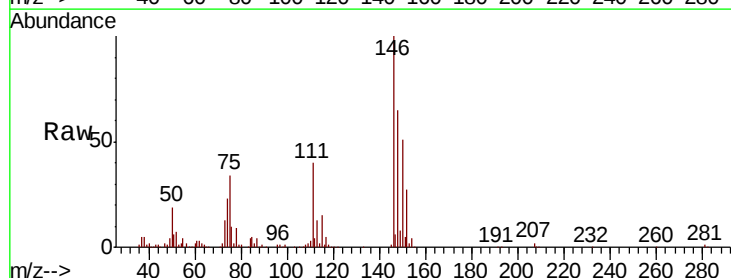
Tgt Ion:146 Resp: 161414

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.9

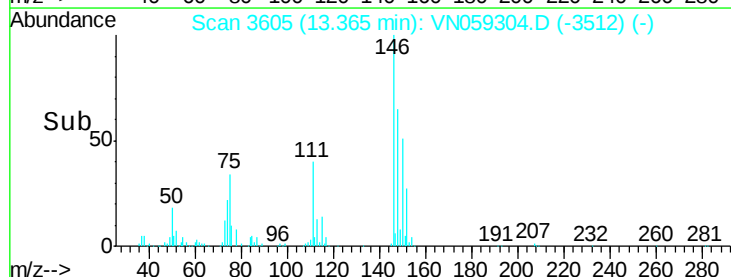
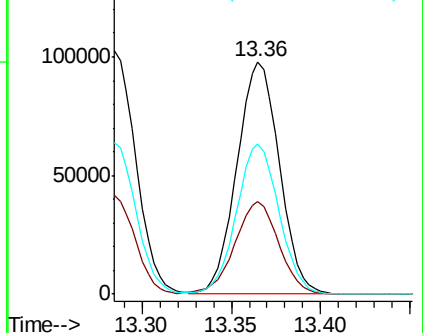
148 65.1 31.9 95.7



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





#89

n-Butylbenzene

Concen: 23.685 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampled :

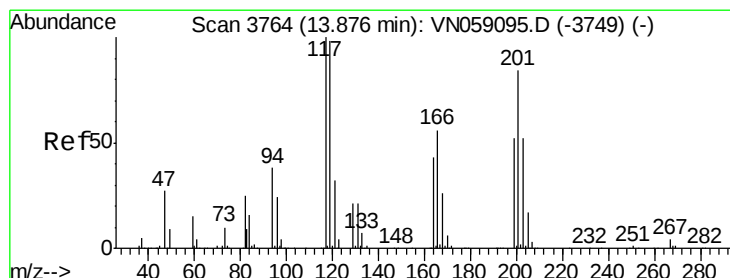
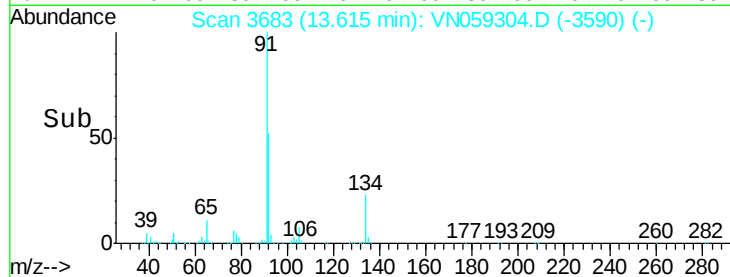
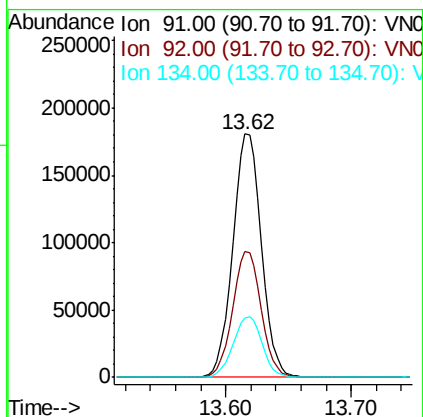
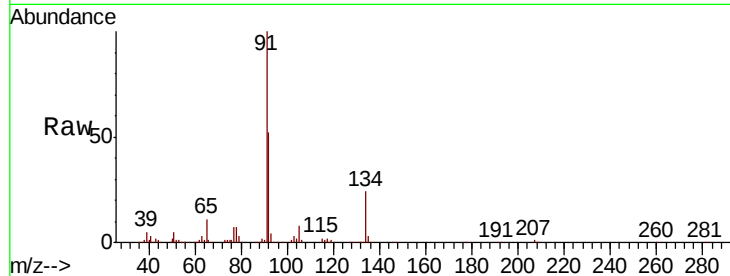
Tot Ion: 91 Resp: 285631

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.3

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 22.506 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059304.D

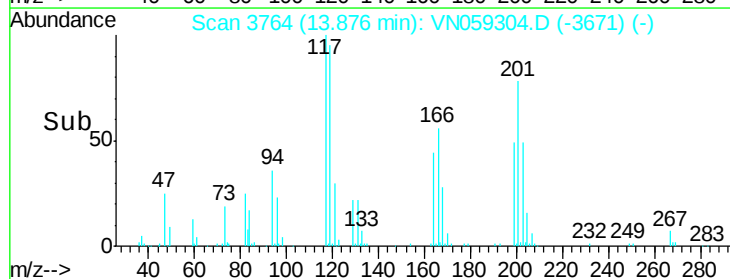
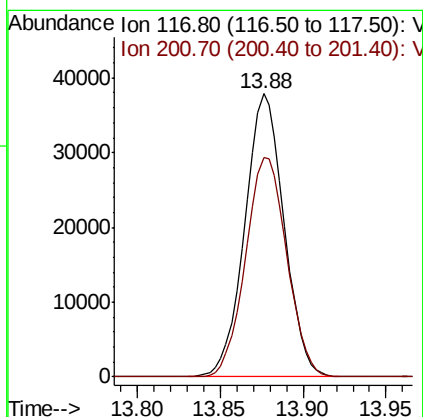
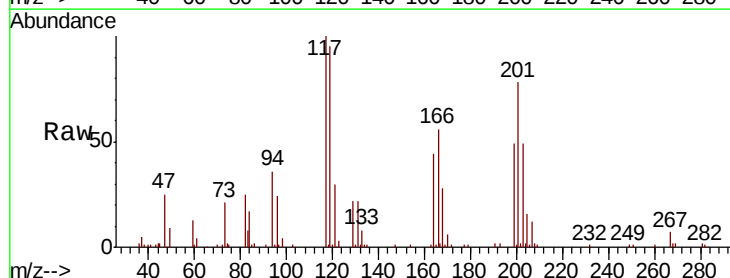
Acq: 19 Nov 2019 13:51

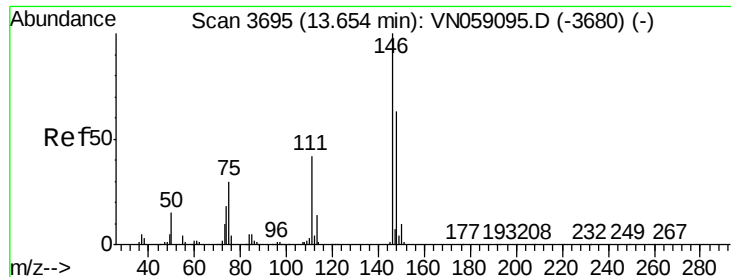
Tgt Ion: 117 Resp: 62270

Ion Ratio Lower Upper

117 100

201 81.4 41.8 125.3

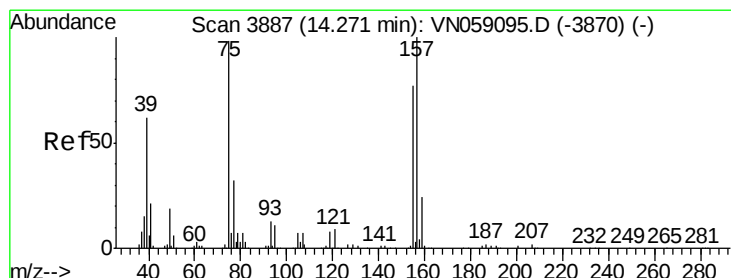
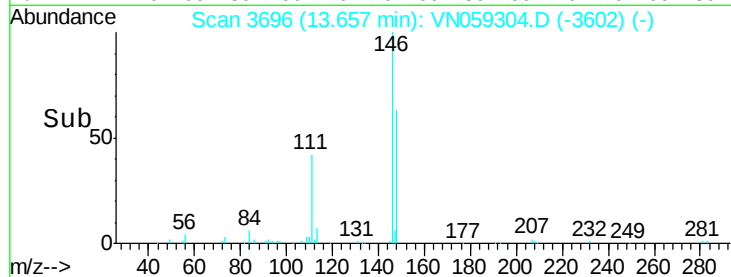
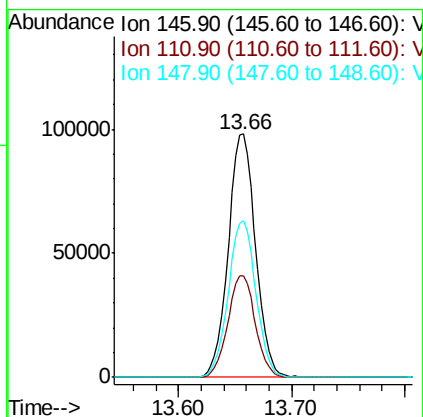
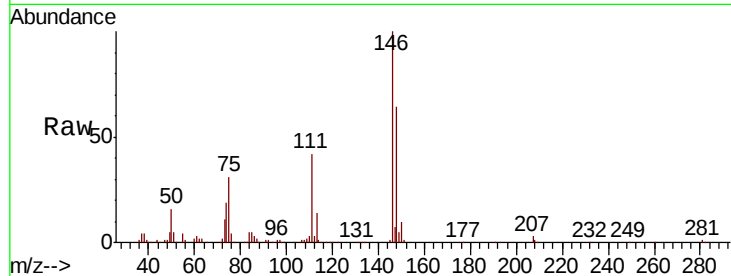




#91
 1,2-Dichlorobenzene
 Concen: 23.732 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

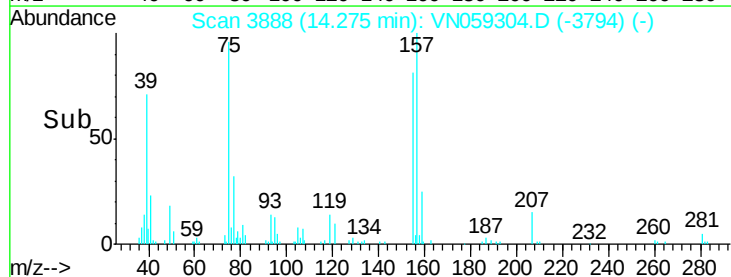
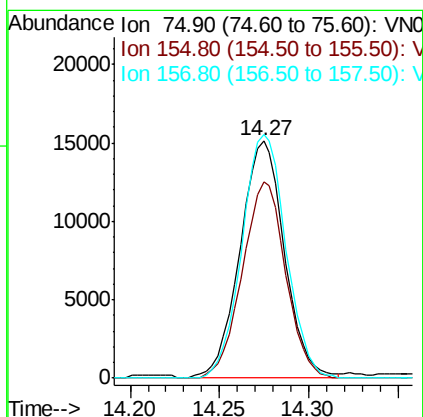
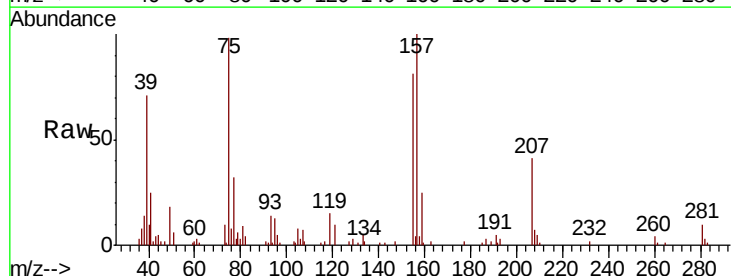
Instrument :
 MSVOA_N
 ClientSampled :

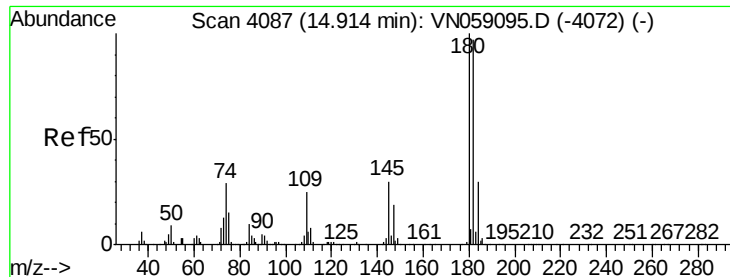
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	65.3	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.629 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	40.2	120.6
157	101.5	51.8	155.5

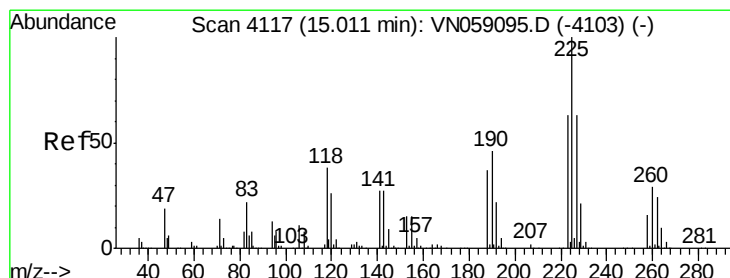
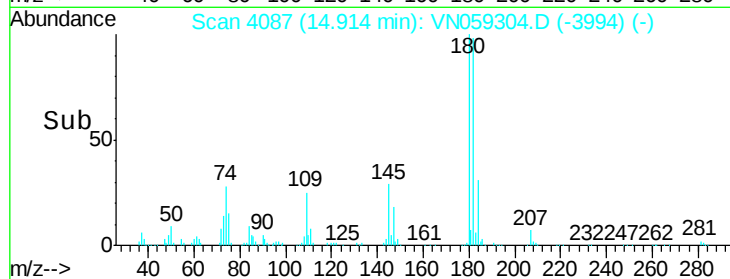
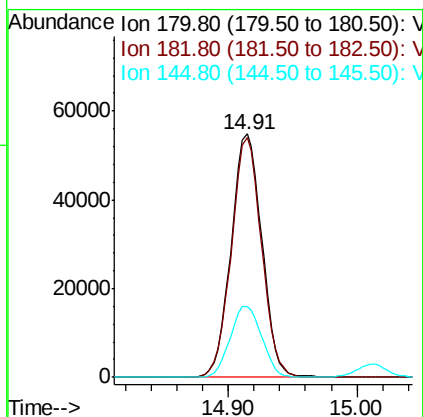
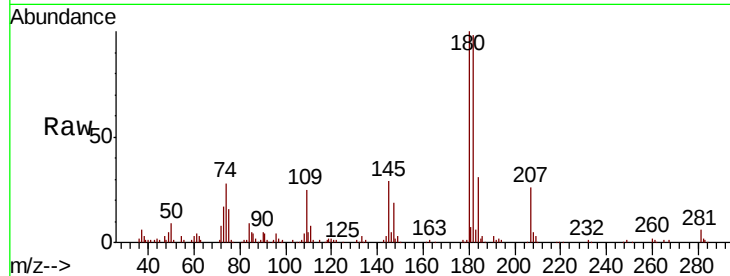




#93
 1,2,4-Trichlorobenzene
 Concen: 23.273 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

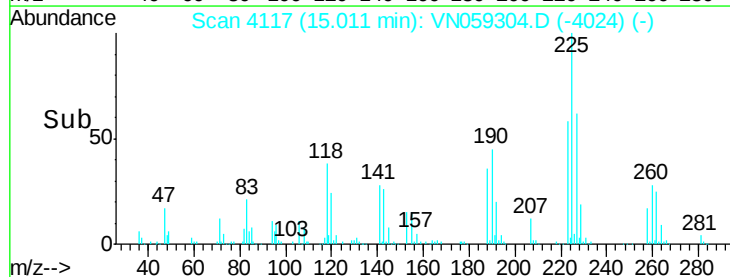
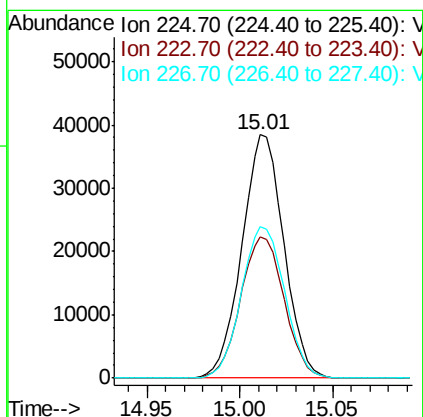
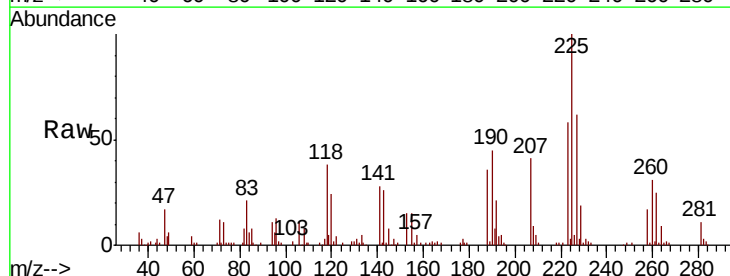
Instrument :
 MSVOA_N
 ClientSampled :

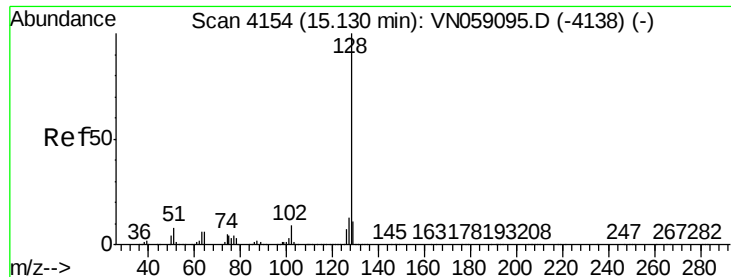
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.1	144.3
145	30.2	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 25.303 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059304.D
 Acq: 19 Nov 2019 13:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	31.3	93.9
227	64.1	31.5	94.5





#95

Naphthalene

Concen: 22.905 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

Instrument :

MSVOA_N

ClientSampleId :

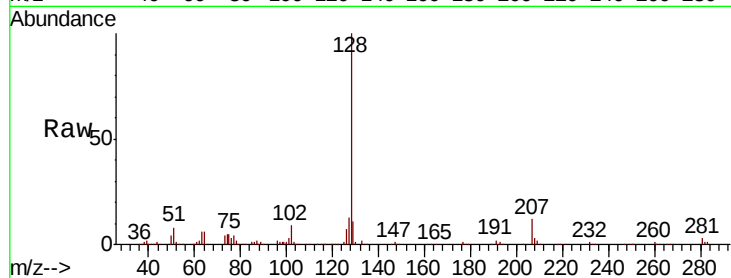
Tot Ion:128 Resp: 247044

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

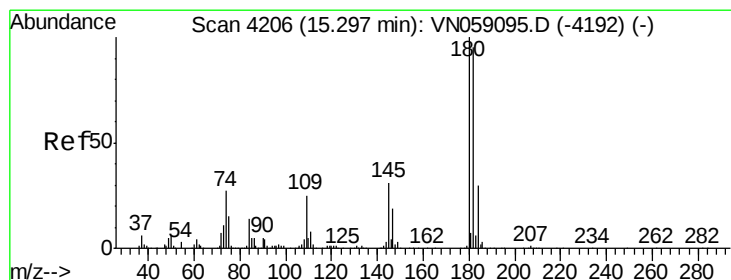
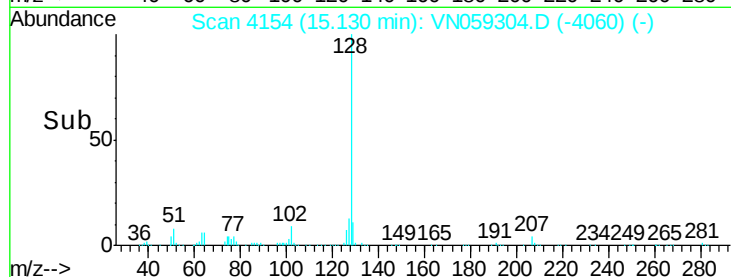
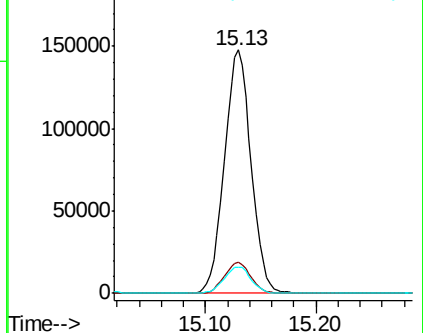
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 24.312 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059304.D

Acq: 19 Nov 2019 13:51

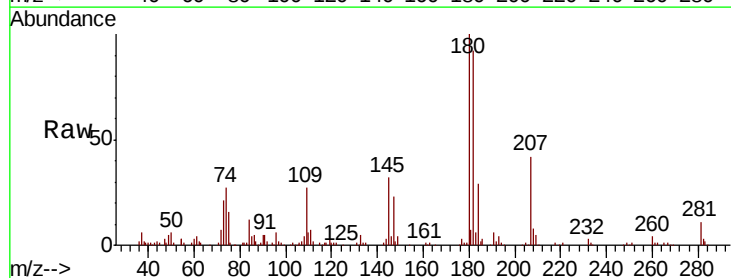
Tgt Ion:180 Resp: 94552

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.8

145 32.6 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

