

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058700.D
 Acq On : 11 Oct 2019 13:50
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 23:58:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 23:53:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	514342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	835866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	771149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	378492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	359216	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.57	113	262374	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	1042925	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	393374	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	313842	48.993	ug/l	99
3) Chloromethane	2.04	50	360918	47.381	ug/l	99
4) Vinyl Chloride	2.17	62	373212	49.193	ug/l	99
5) Bromomethane	2.55	94	224444	48.913	ug/l	100
6) Chloroethane	2.68	64	222658	47.581	ug/l	98
7) Trichlorofluoromethane	3.00	101	441226	48.595	ug/l	99
8) Diethyl Ether	3.39	74	164104	48.917	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	247383	47.784	ug/l	98
10) Methyl Iodide	3.93	142	343707	48.651	ug/l	99
11) Tert butyl alcohol	4.75	59	292938	251.197	ug/l	100
12) 1,1-Dichloroethene	3.72	96	241706	48.933	ug/l	94
13) Acrolein	3.58	56	228716	243.862	ug/l	99
14) Allyl chloride	4.30	41	443136	44.455	ug/l	95
15) Acrylonitrile	4.96	53	764356	259.907	ug/l	100
16) Acetone	3.79	43	748955	251.239	ug/l	98
17) Carbon Disulfide	4.03	76	749030	47.439	ug/l	99
18) Methyl Acetate	4.30	43	376585	49.802	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	890649	50.496	ug/l	96
20) Methylene Chloride	4.53	84	280338	44.996	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	264054	47.791	ug/l	99
22) Diisopropyl ether	5.92	45	954795	49.263	ug/l	100
23) Vinyl Acetate	5.87	43	4194869	268.229	ug/l	99
24) 1,1-Dichloroethane	5.82	63	535858	48.544	ug/l	99
25) 2-Butanone	6.81	43	1110076	257.630	ug/l	99
26) 2,2-Dichloropropane	6.80	77	467871	46.433	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	306040	47.499	ug/l	99
28) Bromochloromethane	7.17	49	188669	49.130	ug/l	100
29) Tetrahydrofuran	7.19	42	728653	261.684	ug/l	100
30) Chloroform	7.35	83	517954	46.703	ug/l	100
31) Cyclohexane	7.63	56	491377	46.524	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	454878	48.094	ug/l	99
36) 1,1-Dichloropropene	7.77	75	402699	47.650	ug/l	100
37) Ethyl Acetate	6.91	43	447291	52.333	ug/l	98
38) Carbon Tetrachloride	7.75	117	400611	48.638	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058700.D
 Acq On : 11 Oct 2019 13:50
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 23:58:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 23:53:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	481529	49.102	ug/l	98
40) Benzene	8.02	78	1166847	48.074	ug/l	100
41) Methacrylonitrile	7.19	41	652515	163.093	ug/l #	1
42) 1,2-Dichloroethane	8.11	62	446958	47.932	ug/l	99
43) Isopropyl Acetate	8.15	43	731841	50.263	ug/l	100
44) Trichloroethene	8.82	130	288598	47.881	ug/l	98
45) 1,2-Dichloropropane	9.11	63	313081	48.184	ug/l	98
46) Dibromomethane	9.20	93	200114	48.577	ug/l	99
47) Bromodichloromethane	9.39	83	410266	48.906	ug/l	99
48) Methyl methacrylate	9.19	41	334893	50.741	ug/l	98
49) 1,4-Dioxane	9.19	88	92386	904.813	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	2257876	276.120	ug/l	100
52) Toluene	10.15	92	731227	49.257	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	482984	50.199	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	514859	50.400	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	282504	46.495	ug/l	99
56) Ethyl methacrylate	10.43	69	479848	54.058	ug/l	97
57) 1,3-Dichloropropane	10.70	76	504806	48.755	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1023002	239.142	ug/l	99
59) 2-Hexanone	10.75	43	1753701	277.513	ug/l	99
60) Dibromochloromethane	10.90	129	313153	49.962	ug/l	99
61) 1,2-Dibromoethane	11.00	107	301595	49.546	ug/l	99
64) Tetrachloroethene	10.63	164	254460	47.151	ug/l	97
65) Chlorobenzene	11.43	112	768151	49.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	285802	49.354	ug/l	100
67) Ethyl Benzene	11.51	91	1429938	51.223	ug/l	99
68) m/p-Xylenes	11.62	106	1063094	101.478	ug/l	100
69) o-Xylene	11.95	106	509037	50.222	ug/l	98
70) Styrene	11.97	104	847357	51.007	ug/l	100
71) Bromoform	12.13	173	223385	52.628	ug/l #	100
73) Isopropylbenzene	12.25	105	1398493	51.019	ug/l	99
74) N-amyl acetate	12.07	43	663553	53.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	447507	49.557	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	615971	74.185	ug/l #	100
77) Bromobenzene	12.53	156	324726	48.704	ug/l	100
78) n-propylbenzene	12.59	91	1653834	51.777	ug/l	100
79) 2-Chlorotoluene	12.68	91	963034	48.576	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1191643	50.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	165864	53.509	ug/l	96
82) 4-Chlorotoluene	12.78	91	1012398	49.765	ug/l	100
83) tert-Butylbenzene	13.00	119	1008685	50.314	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1186271	51.062	ug/l	99
85) sec-Butylbenzene	13.18	105	1366628	51.734	ug/l	100
86) p-Isopropyltoluene	13.29	119	1242422	51.748	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	598252	48.654	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	593725	47.492	ug/l	99
89) n-Butylbenzene	13.62	91	1143616	51.514	ug/l	100
90) Hexachloroethane	13.88	117	216519	50.401	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	582663	48.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	102874	48.764	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058700.D
Acq On : 11 Oct 2019 13:50
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 11 23:58:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 23:53:37 2019
Response via : Initial Calibration

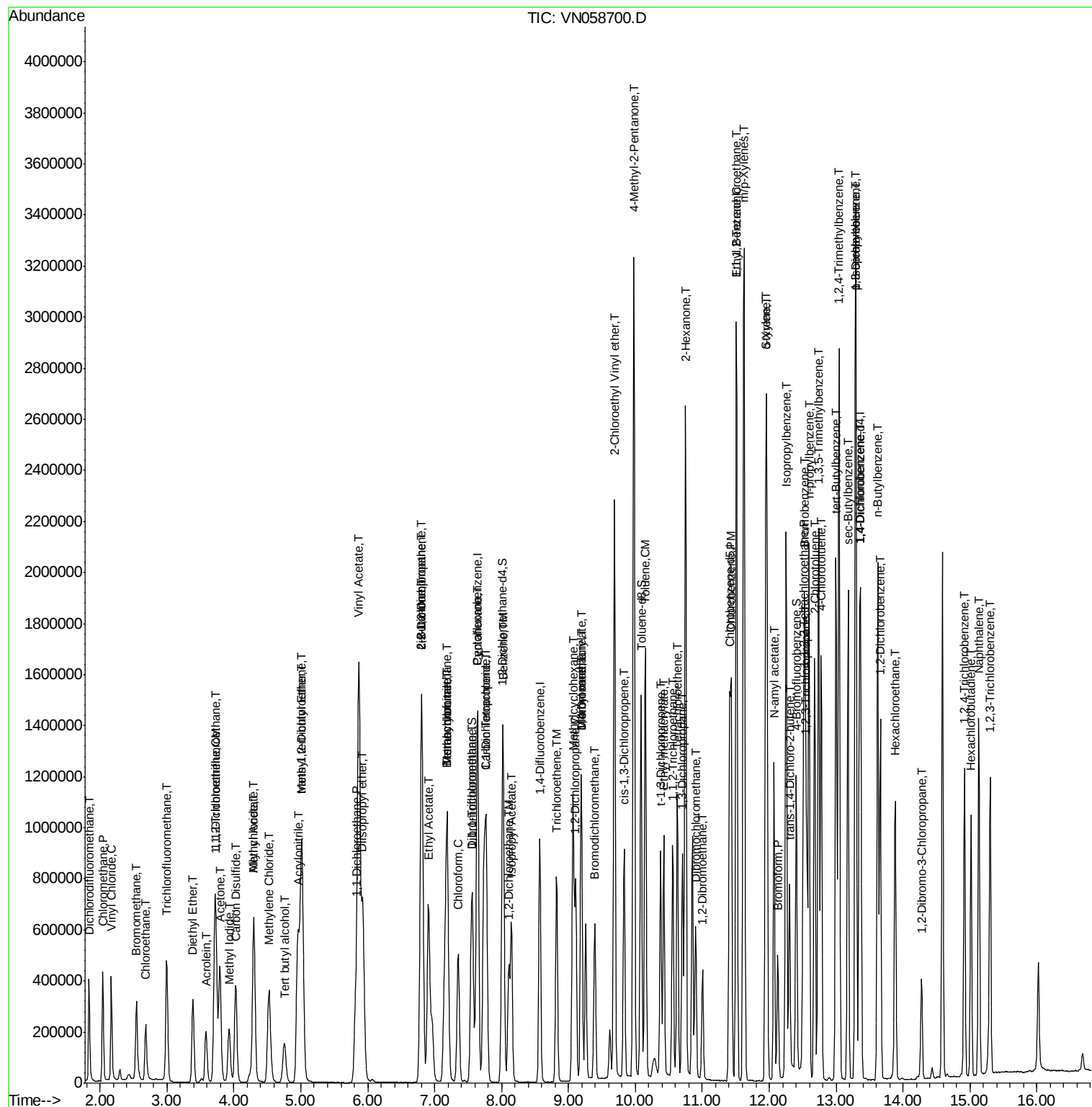
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	367469	50.266	ug/l	99
94) Hexachlorobutadiene	15.02	225	189288	49.169	ug/l	99
95) Naphthalene	15.13	128	1110936	52.877	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	355985	49.877	ug/l	100

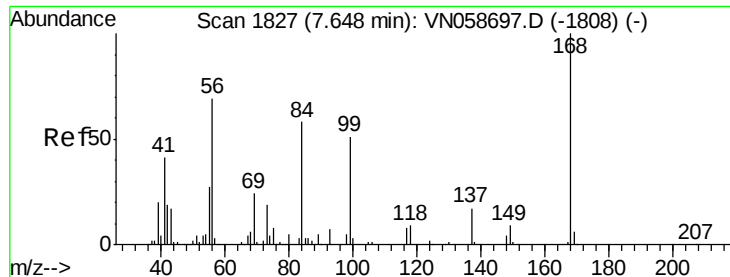
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058700.D
Acq On : 11 Oct 2019 13:50
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Oct 11 23:58:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 23:53:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

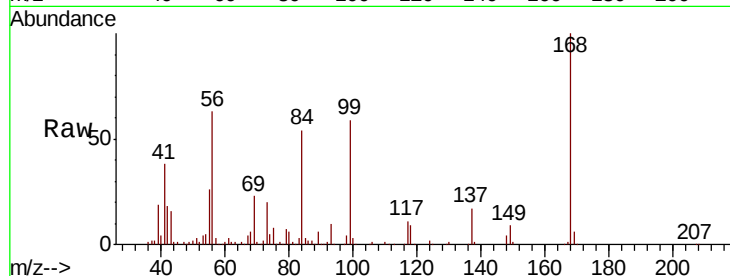
ClientSampleId :

Tot Ion:168 Resp: 514342

Ion Ratio Lower Upper

168 100

99 58.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058697.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058697.D (-1808) (-)

7.65

250000

200000

150000

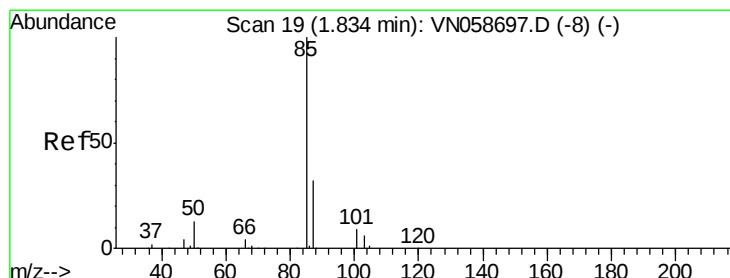
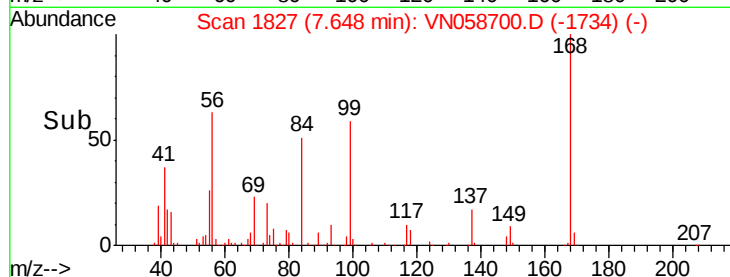
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.993 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058700.D

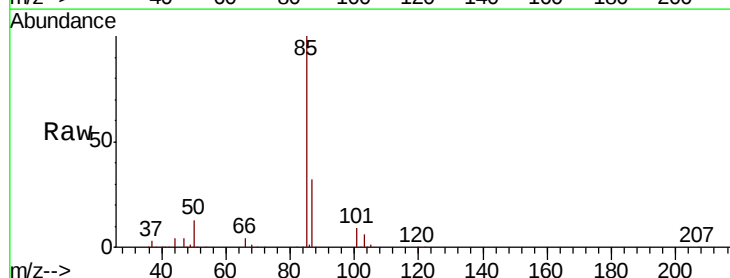
Acq: 11 Oct 2019 13:50

Tgt Ion: 85 Resp: 313842

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN058697.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN058697.D (-8) (-)

1.83

250000

200000

150000

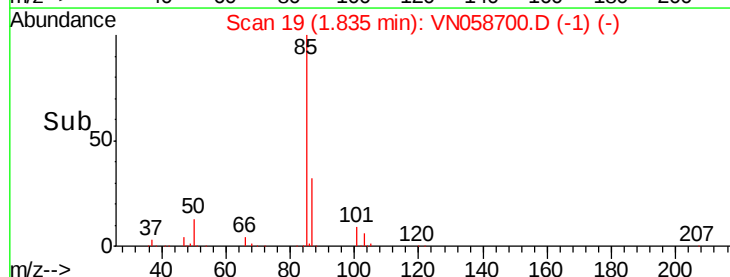
100000

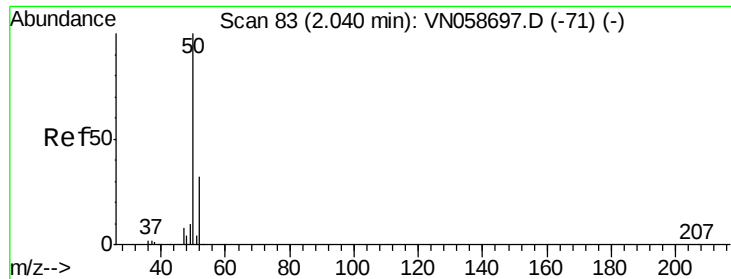
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 47.381 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

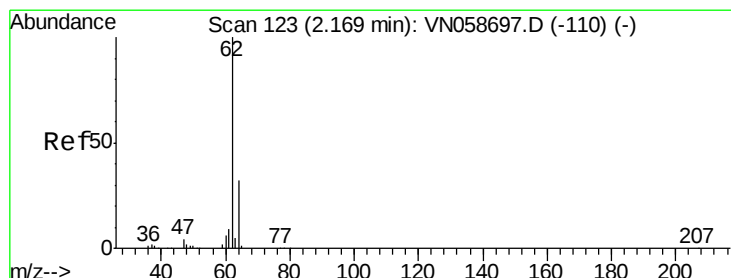
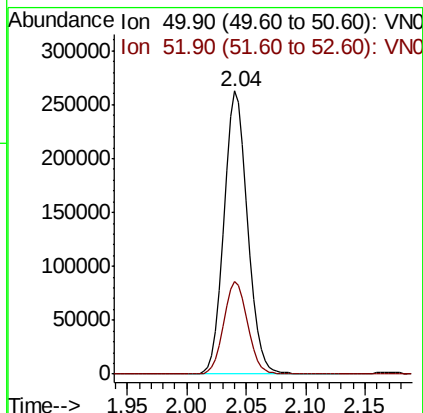
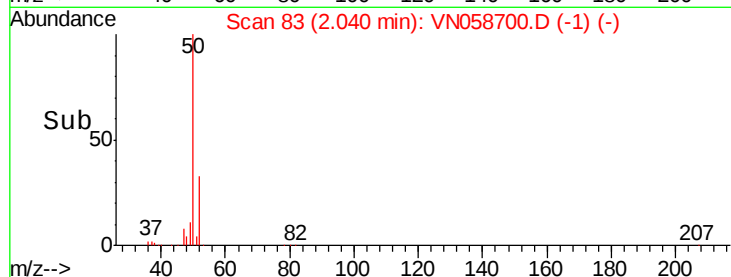
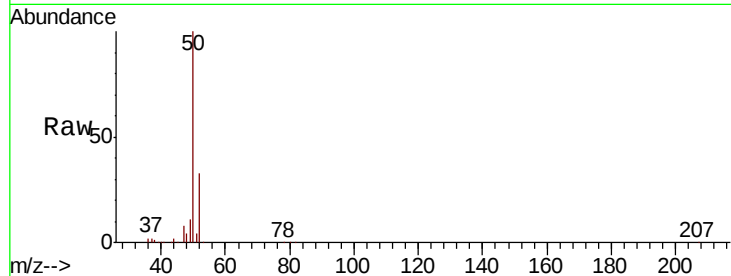
ClientSampled :

Tot Ion: 50 Resp: 360918

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 49.193 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058700.D

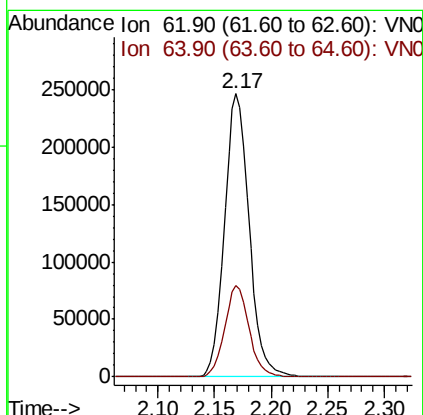
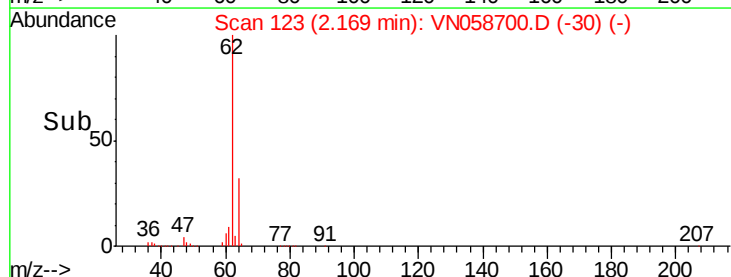
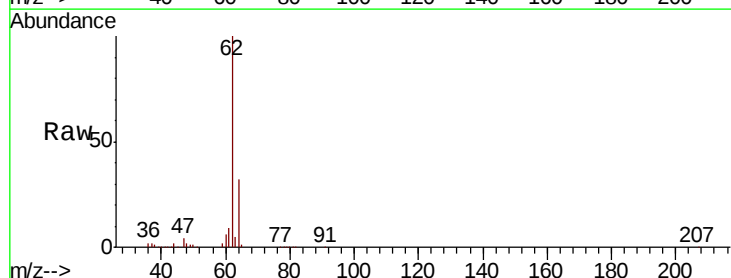
Acq: 11 Oct 2019 13:50

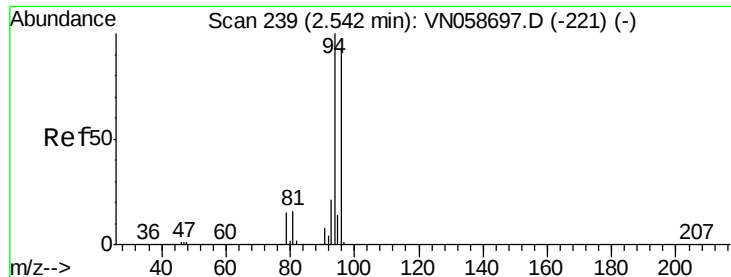
Tgt Ion: 62 Resp: 373212

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 48.913 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

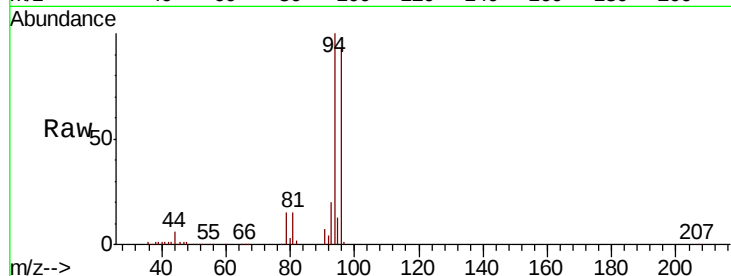
ClientSampled :

Tot Ion: 94 Resp: 224444

Ion Ratio Lower Upper

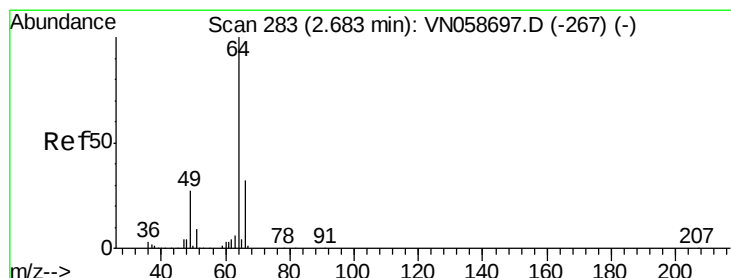
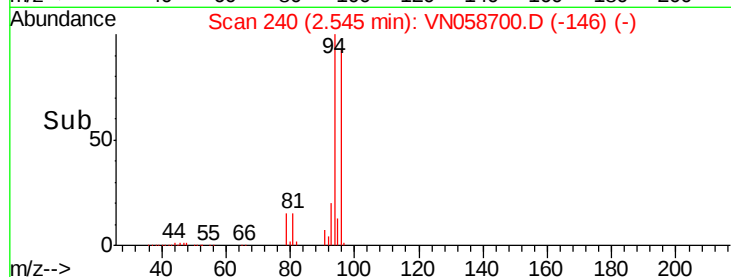
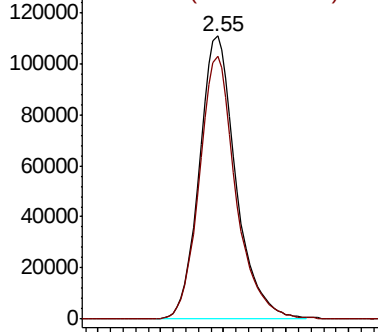
94 100

96 92.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.581 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058700.D

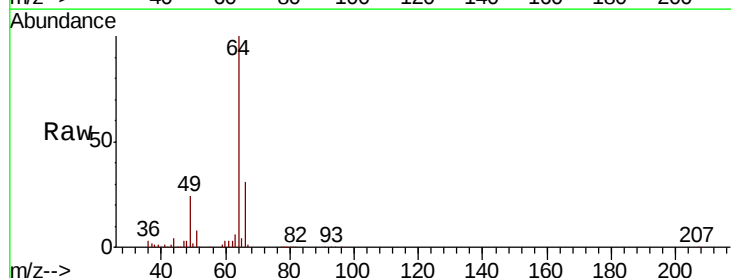
Acq: 11 Oct 2019 13:50

Tgt Ion: 64 Resp: 222658

Ion Ratio Lower Upper

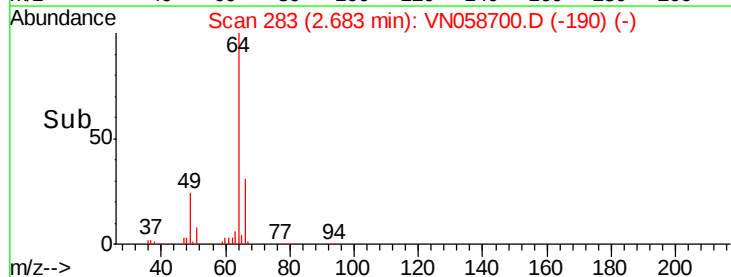
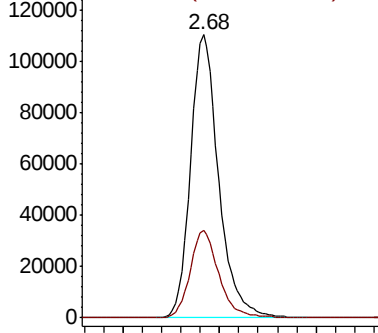
64 100

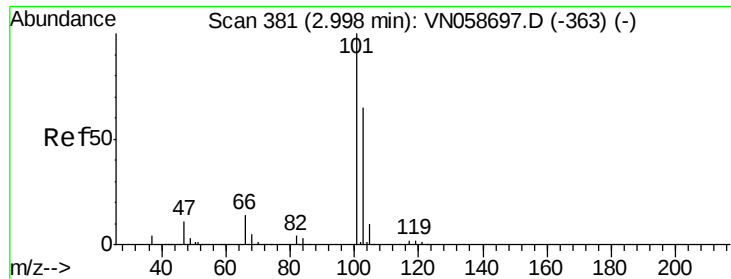
66 30.6 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



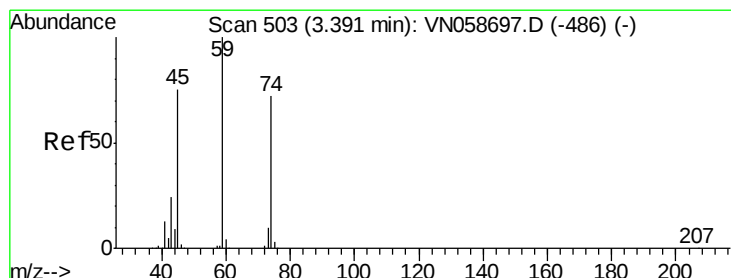
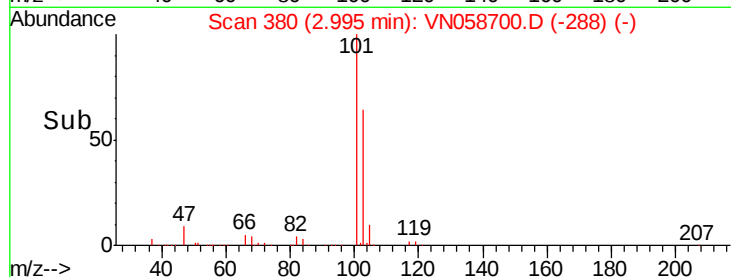
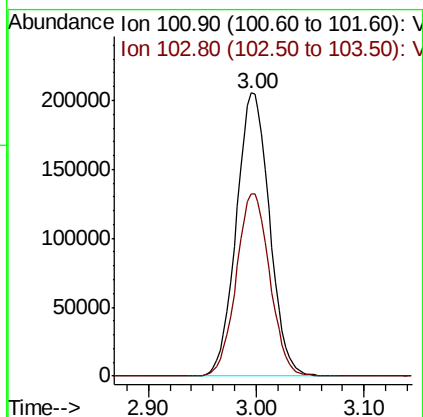
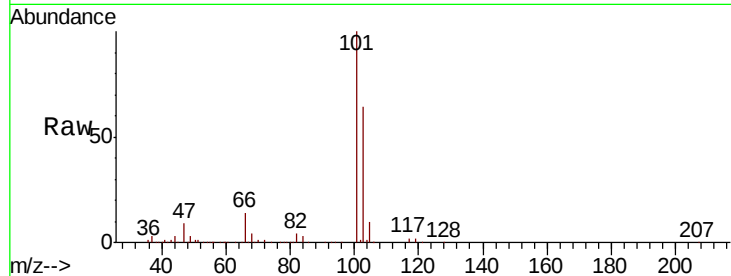


#7

Trichlorofluoromethane
 Concen: 48.595 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Instrument :
 MSVOA_N
 ClientSampleId :

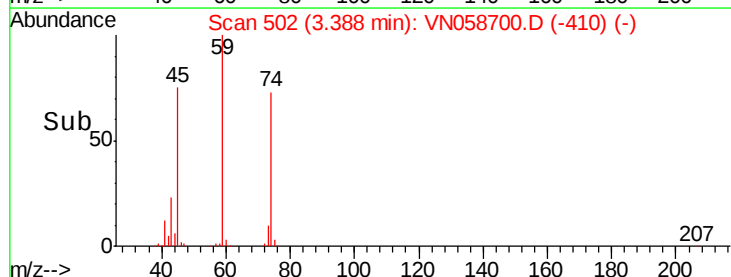
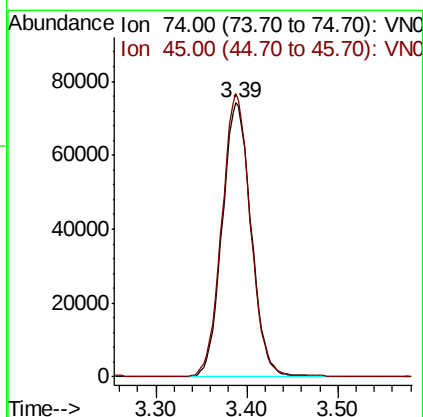
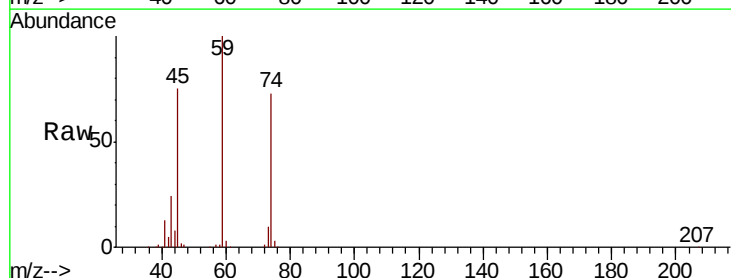
Tot Ion:101 Resp: 441226
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

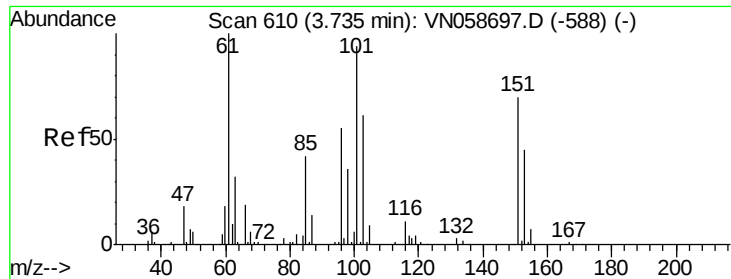


#8

Diethyl Ether
 Concen: 48.917 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion: 74 Resp: 164104
 Ion Ratio Lower Upper
 74 100
 45 102.6 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.784 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

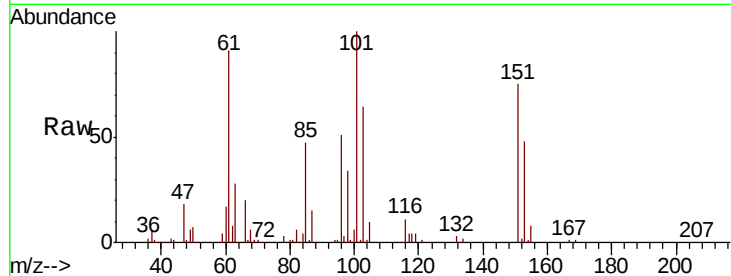
Tot Ion:101 Resp: 247383

Ion Ratio Lower Upper

101 100

85 45.7 37.0 55.6

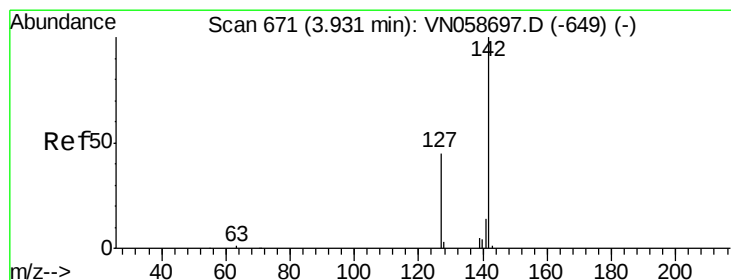
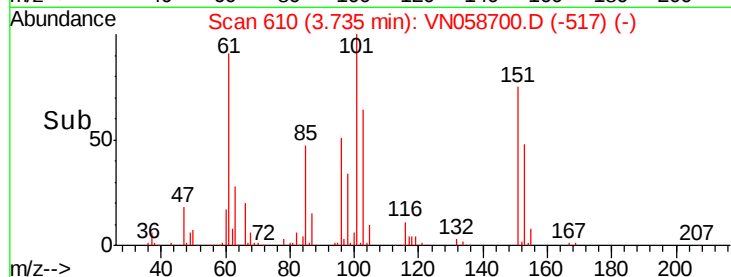
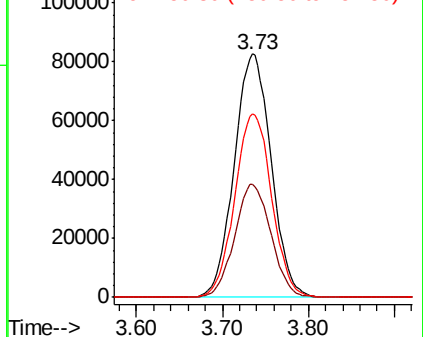
151 75.0 61.8 92.6



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: 48.651 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

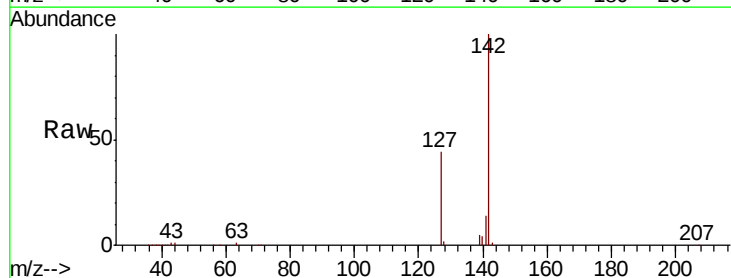
Tgt Ion:142 Resp: 343707

Ion Ratio Lower Upper

142 100

127 45.2 36.4 54.6

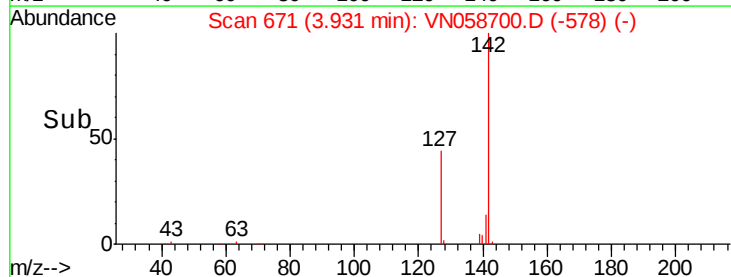
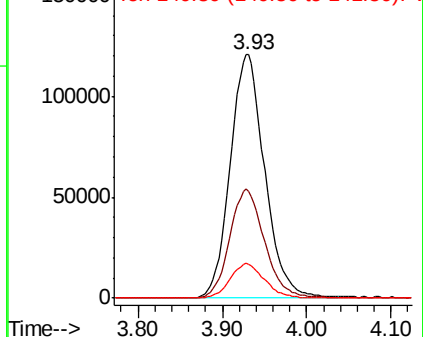
141 14.2 11.1 16.7

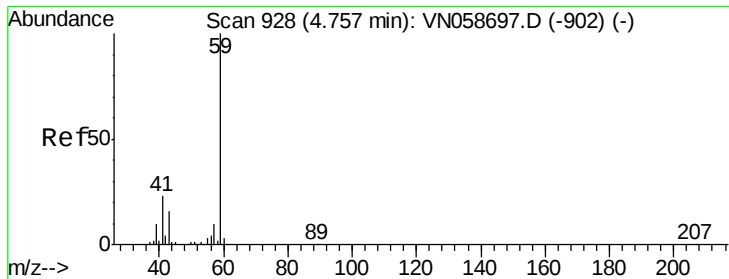


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



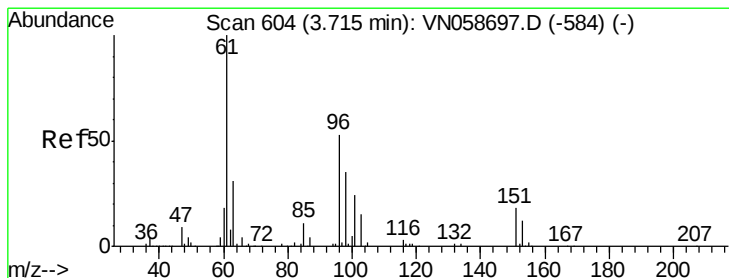
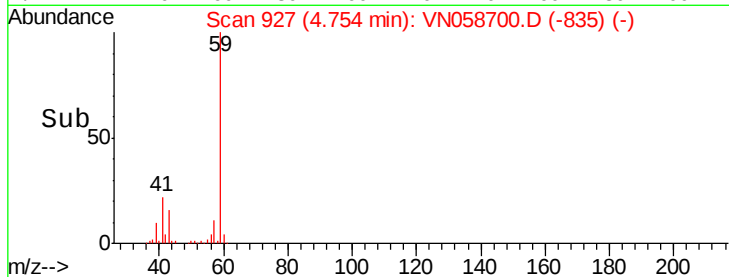
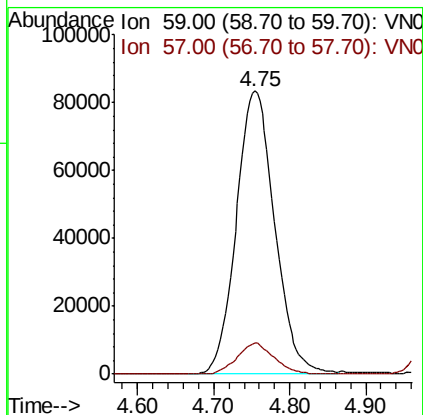
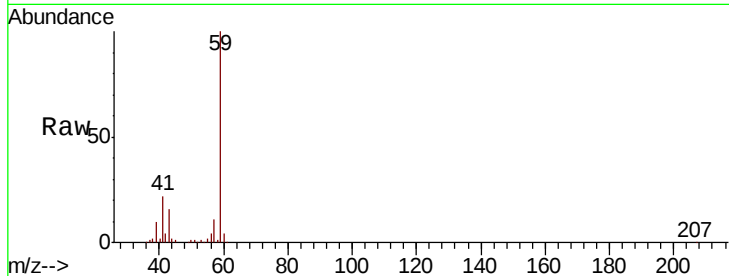


#11

Tert butyl alcohol
 Concen: 251.197 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Instrument :
 MSVOA_N
 ClientSampleId :

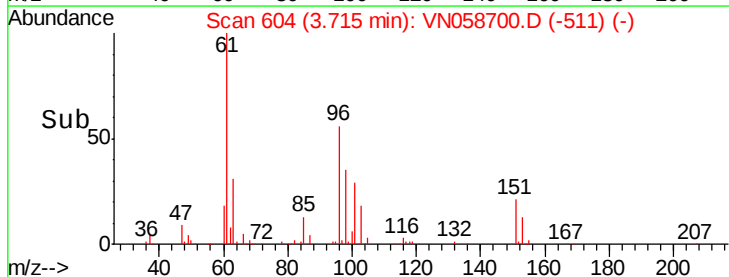
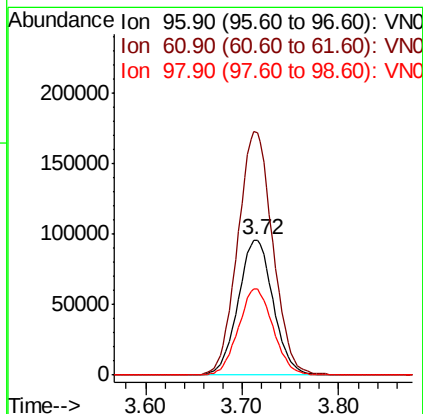
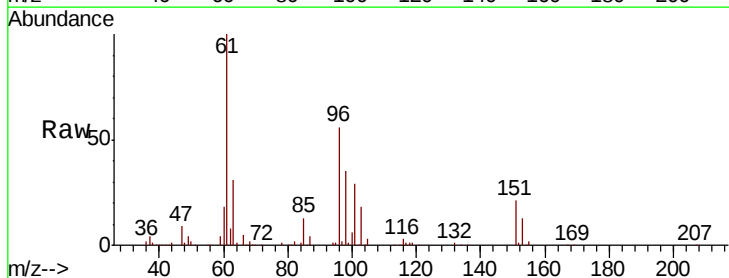
Tot Ion: 59 Resp: 292938
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

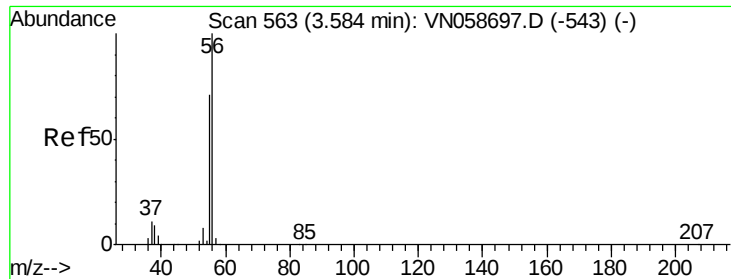


#12

1,1-Dichloroethene
 Concen: 48.933 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion: 96 Resp: 241706
 Ion Ratio Lower Upper
 96 100
 61 179.3 151.3 226.9
 98 63.5 52.6 78.8





#13

Acrolein

Concen: 243.862 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

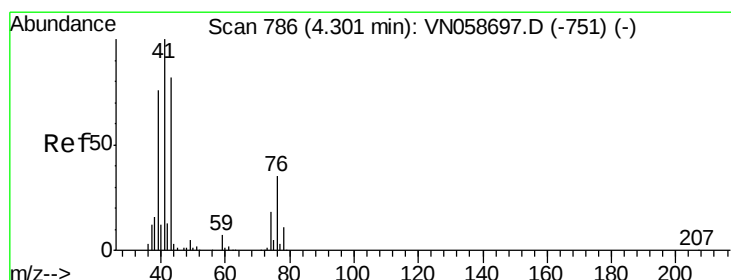
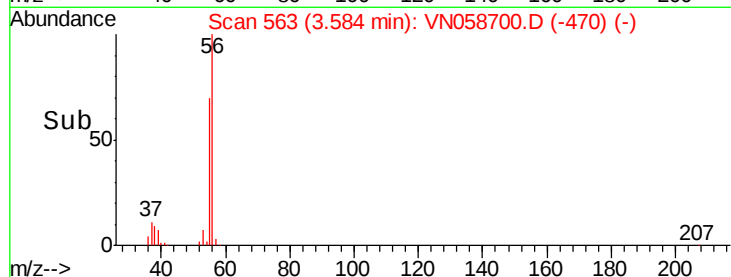
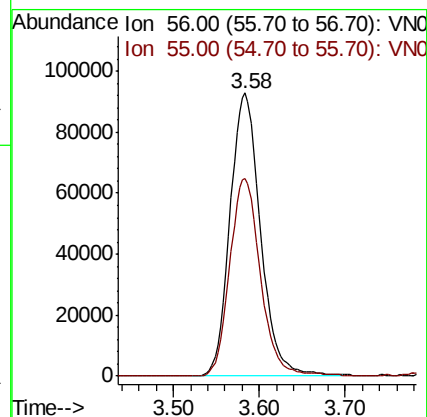
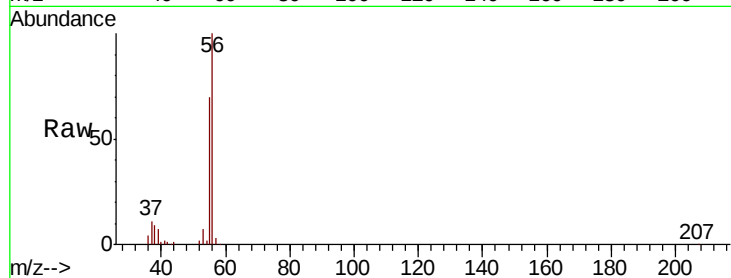
ClientSampled :

Tot Ion: 56 Resp: 228716

Ion Ratio Lower Upper

56 100

55 70.4 56.7 85.1



#14

Allyl chloride

Concen: 44.455 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

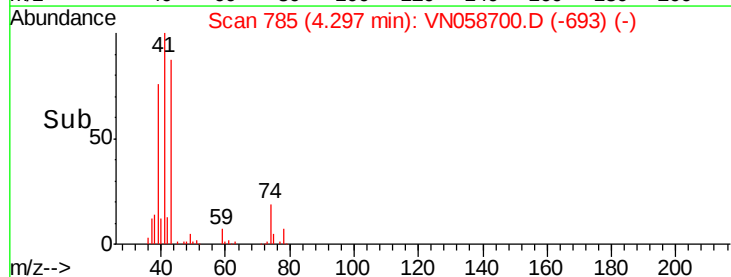
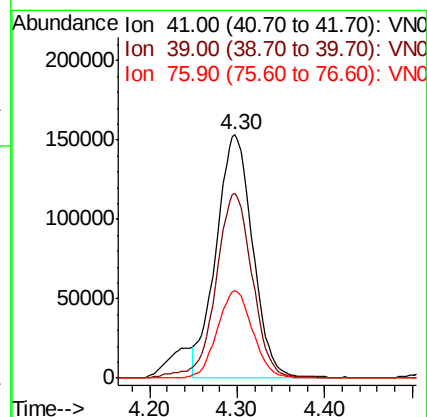
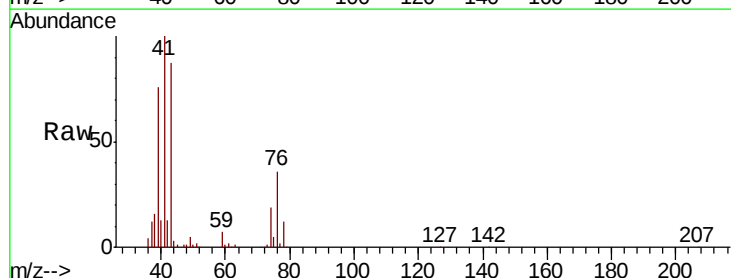
Tgt Ion: 41 Resp: 443136

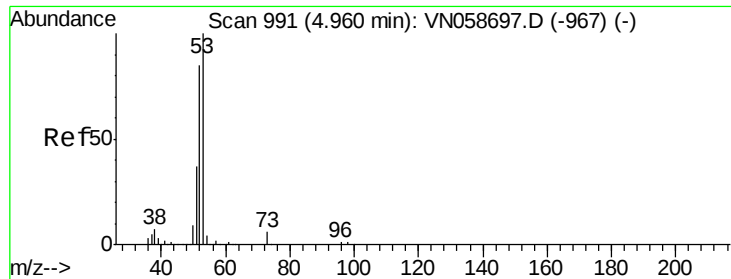
Ion Ratio Lower Upper

41 100

39 76.0 57.2 85.8

76 34.3 25.0 37.6





#15

Acrylonitrile

Concen: 259.907 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

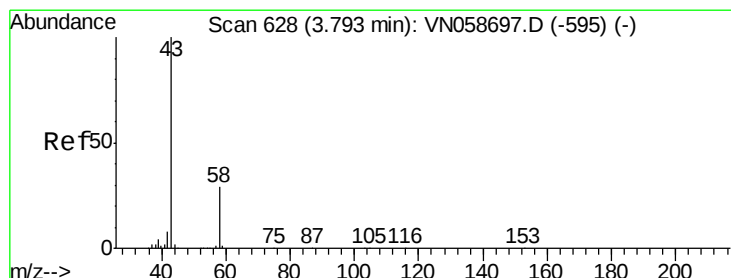
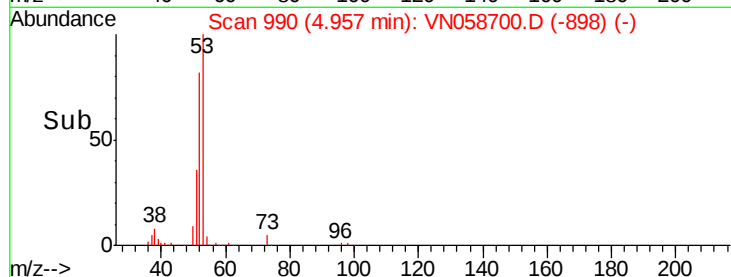
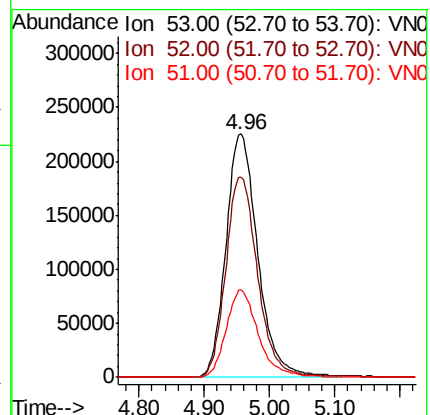
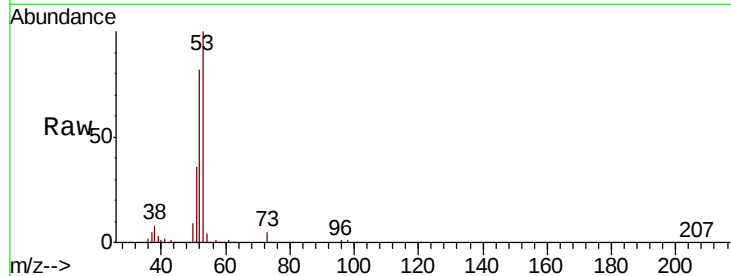
Tot Ion: 53 Resp: 764356

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

51 36.2 29.4 44.2



#16

Acetone

Concen: 251.239 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN058700.D

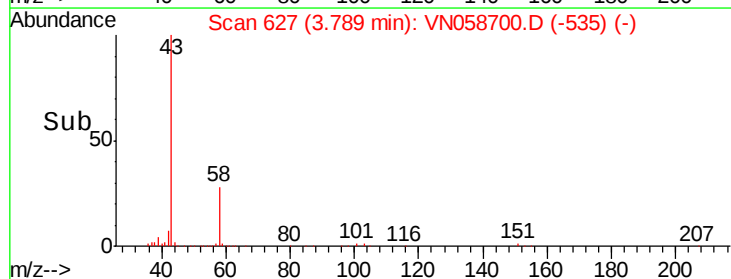
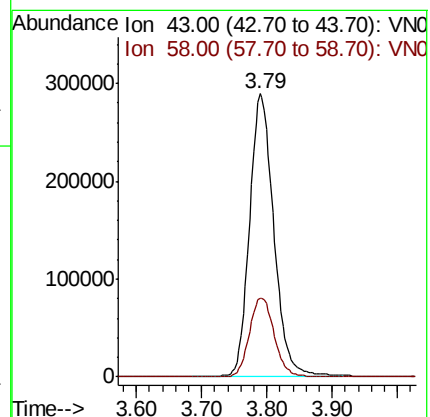
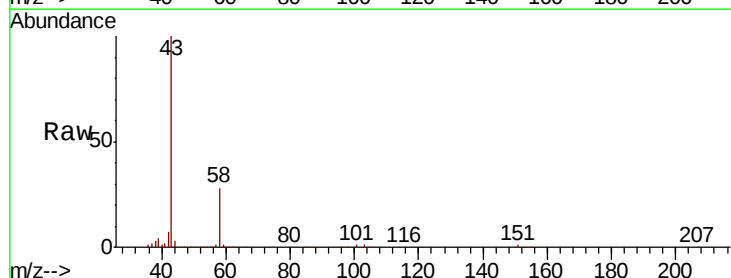
Acq: 11 Oct 2019 13:50

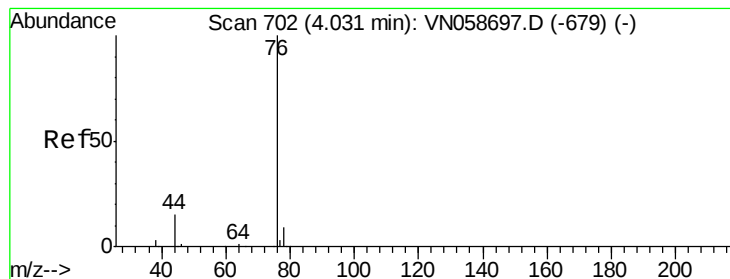
Tgt Ion: 43 Resp: 748955

Ion Ratio Lower Upper

43 100

58 27.9 23.3 34.9





#17

Carbon Disulfide

Concen: 47.439 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

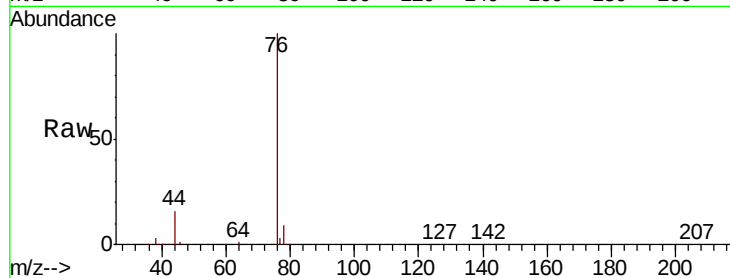
ClientSampleId :

Tot Ion: 76 Resp: 749030

Ion Ratio Lower Upper

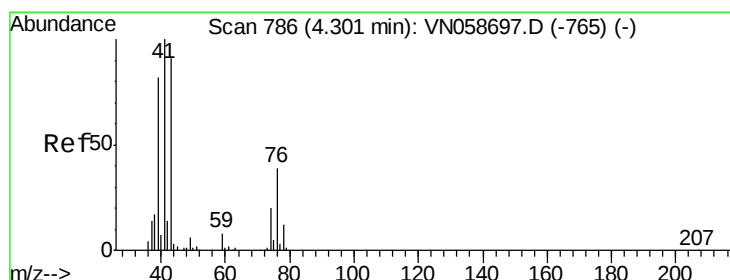
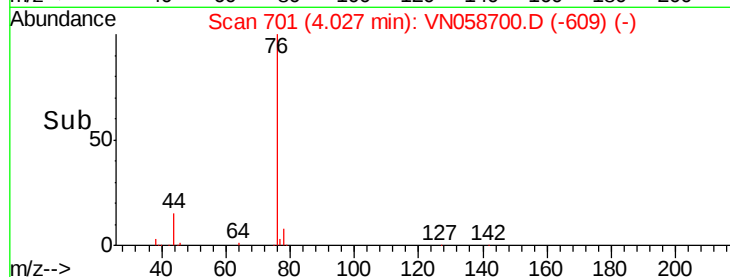
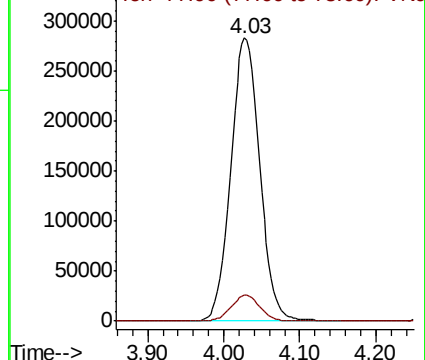
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 49.802 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058700.D

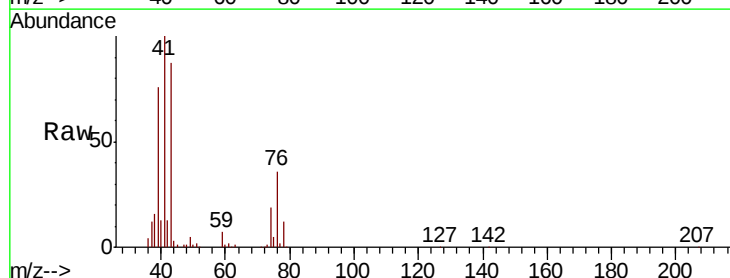
Acq: 11 Oct 2019 13:50

Tgt Ion: 43 Resp: 376585

Ion Ratio Lower Upper

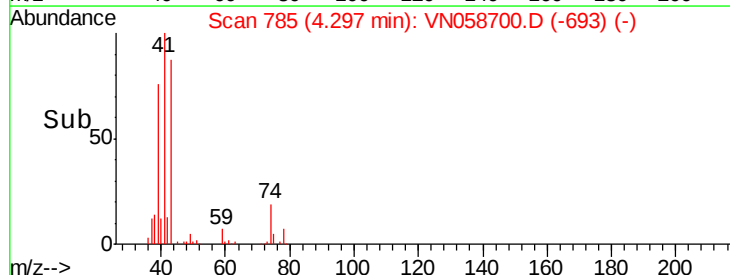
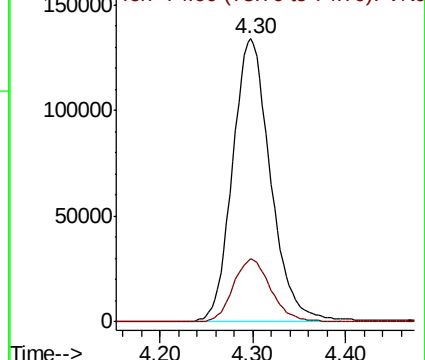
43 100

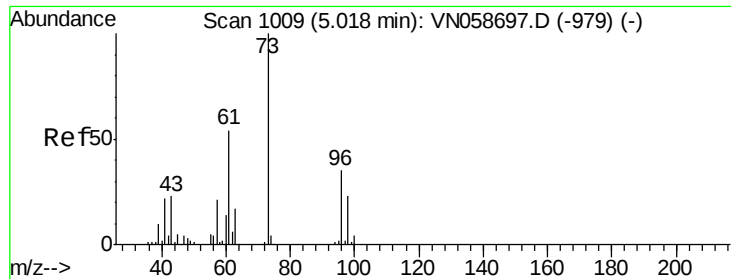
74 22.2 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

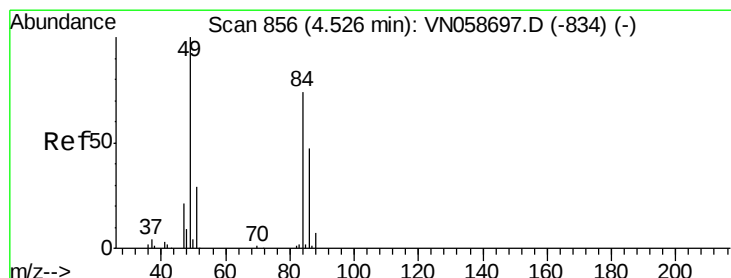
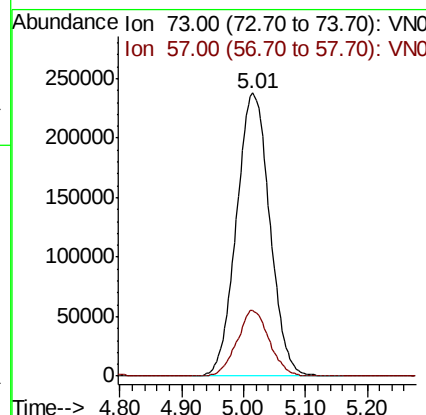
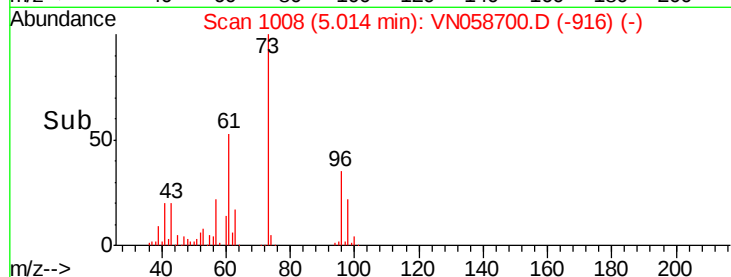
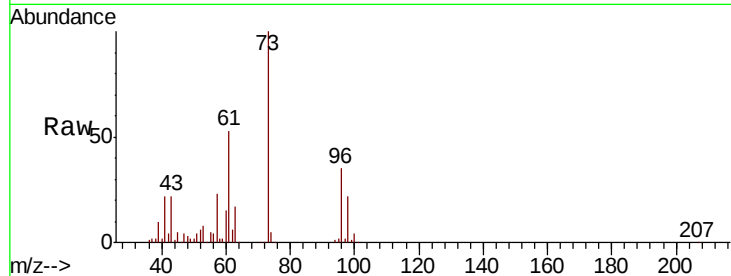




#19
Methvl tert-butvl Ether
Concen: 50.496 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

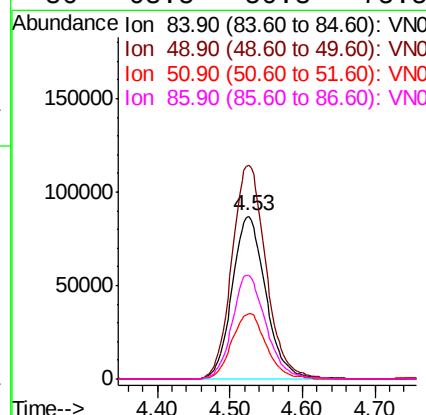
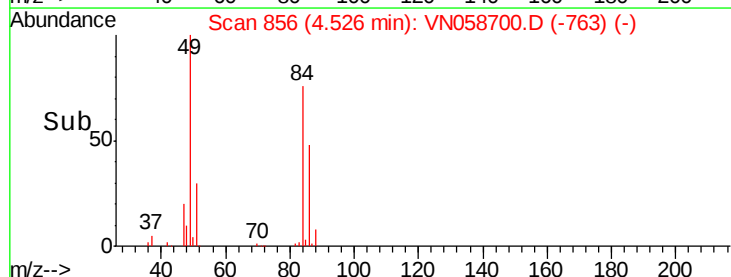
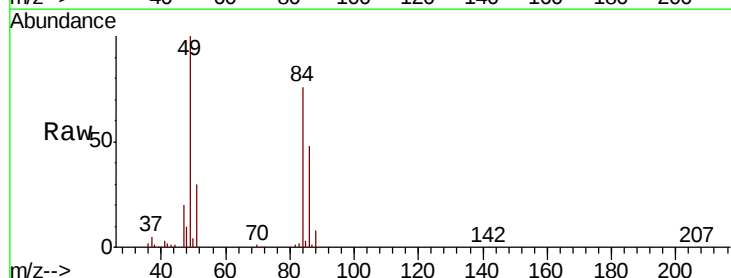
Instrument :
MSVOA_N
ClientSampleId :

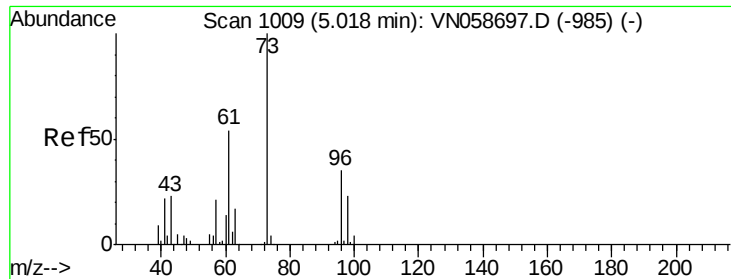
Tot Ion: 73 Resp: 890649
Ion Ratio Lower Upper
73 100
57 23.3 17.0 25.6



#20
Methylene Chloride
Concen: 44.996 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 84 Resp: 280338
Ion Ratio Lower Upper
84 100
49 130.9 107.6 161.4
51 39.9 31.4 47.0
86 63.5 50.3 75.5

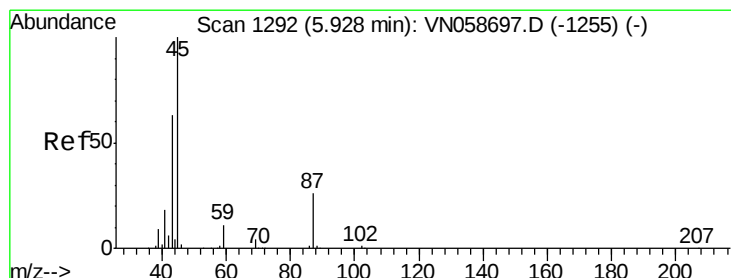
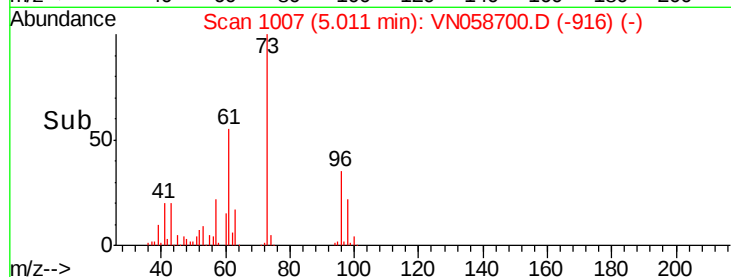
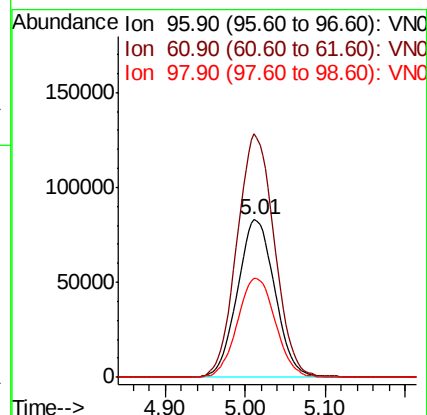
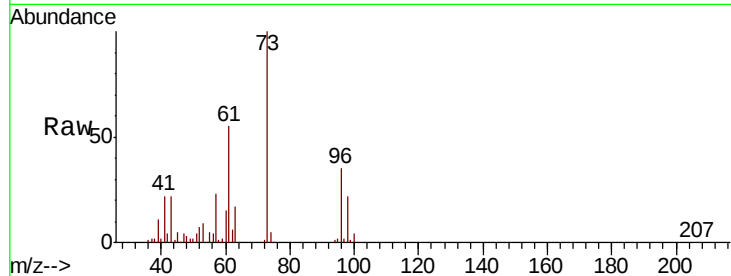




#21
trans-1,2-Dichloroethene
Concen: 47.791 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

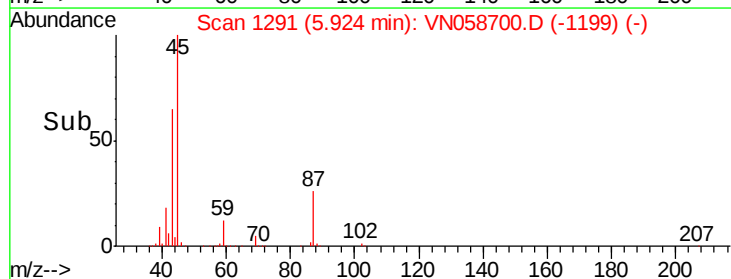
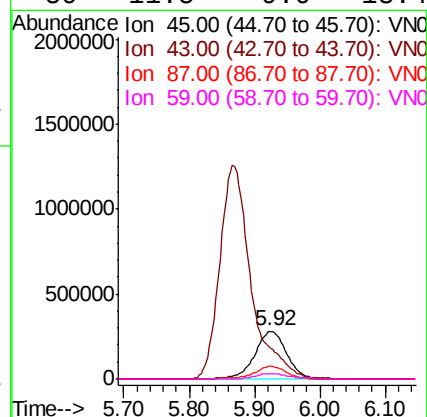
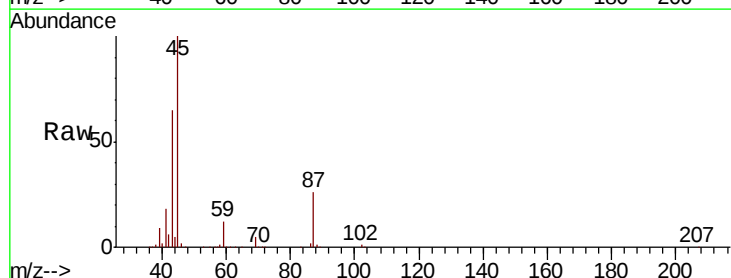
Instrument :
MSVOA_N
ClientSampleId :

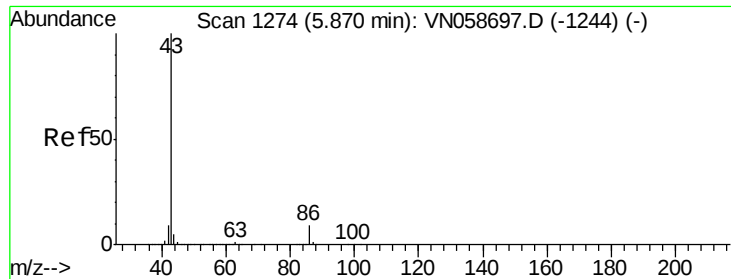
Tot Ion: 96 Resp: 264054
Ion Ratio Lower Upper
96 100
61 154.6 123.6 185.4
98 62.9 52.1 78.1



#22
Diisopropyl ether
Concen: 49.263 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 45 Resp: 954795
Ion Ratio Lower Upper
45 100
43 63.5 50.6 75.8
87 26.1 21.1 31.7
59 11.5 9.0 13.4





#23

Vinyl Acetate

Concen: 268.229 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

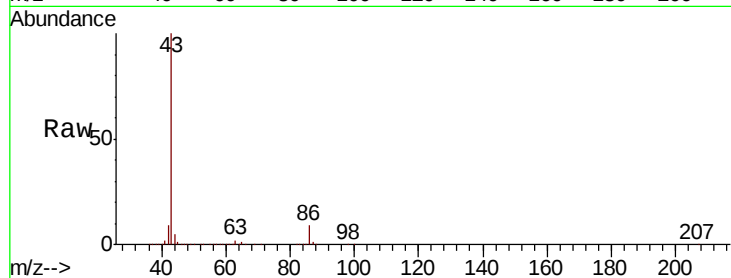
ClientSampled :

Tot Ion: 43 Resp: 4194869

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-1244) (-)

Ion 86.00 (85.70 to 86.70): VN058697.D (-1244) (-)

5.87

1500000

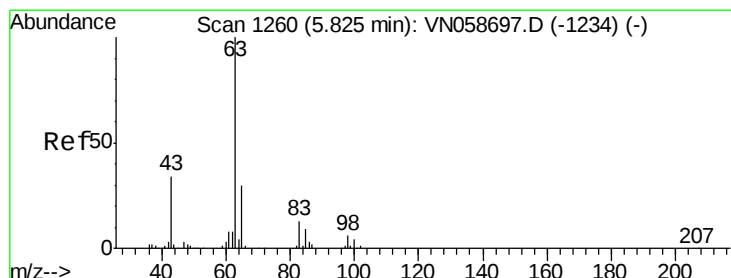
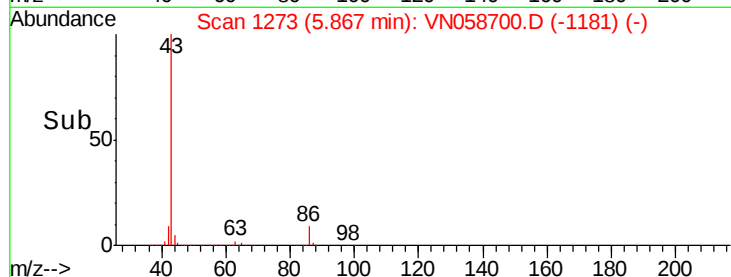
1000000

500000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 48.544 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

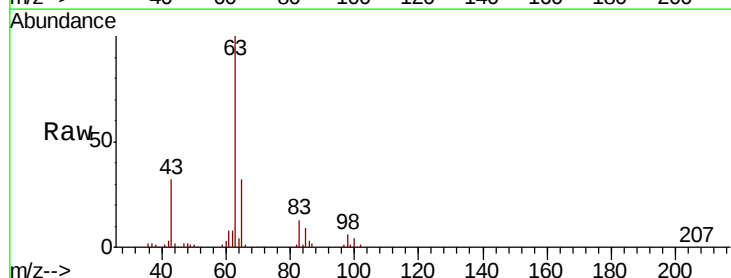
Tgt Ion: 63 Resp: 535858

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.6

100 3.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN058697.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN058697.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN058697.D (-1234) (-)

5.82

200000

150000

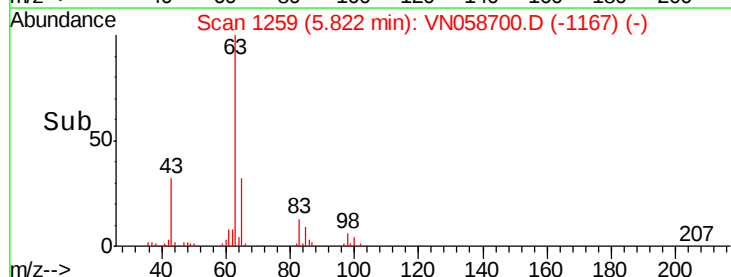
100000

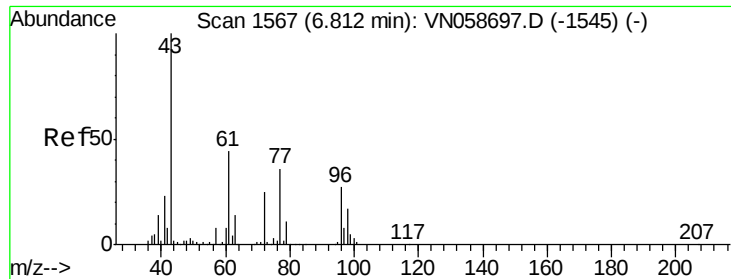
50000

0

Time-->

5.70 5.80 5.90 6.00

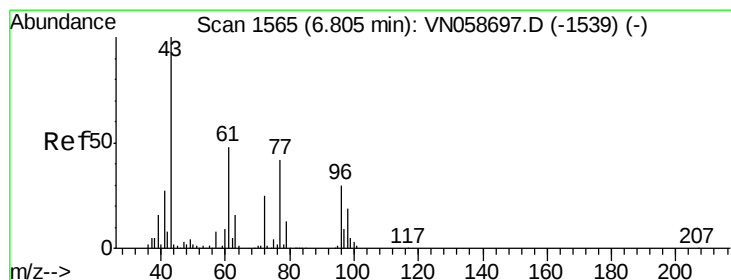
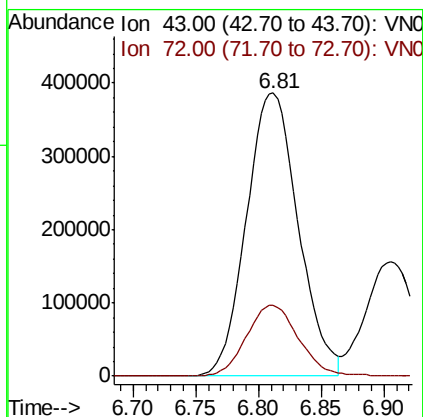
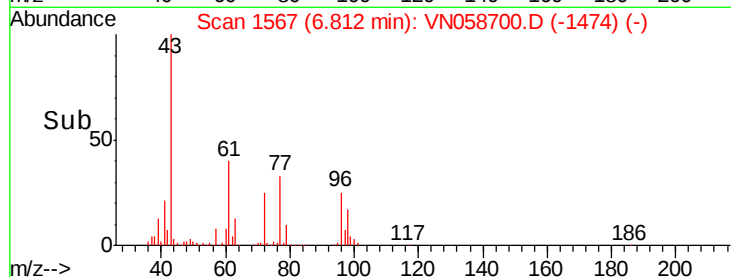
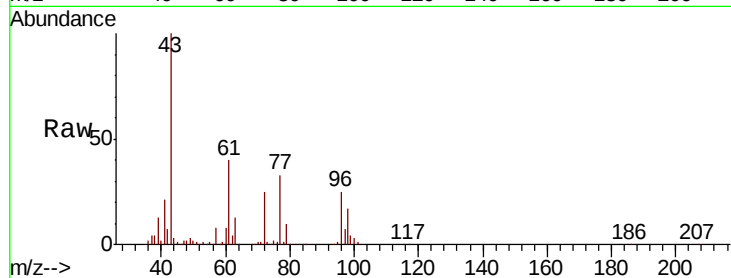




#25
2-Butanone
Concen: 257.630 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

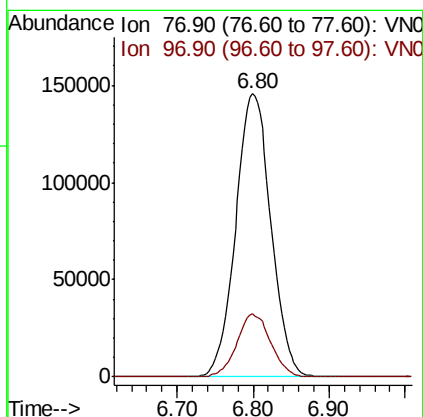
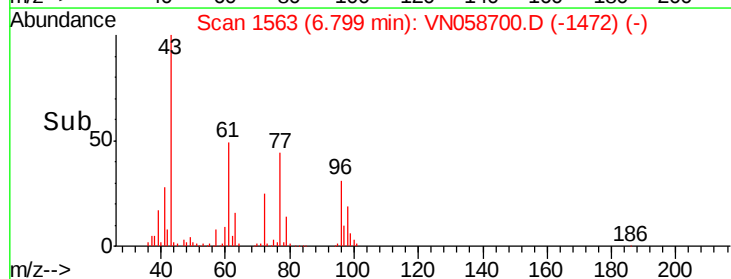
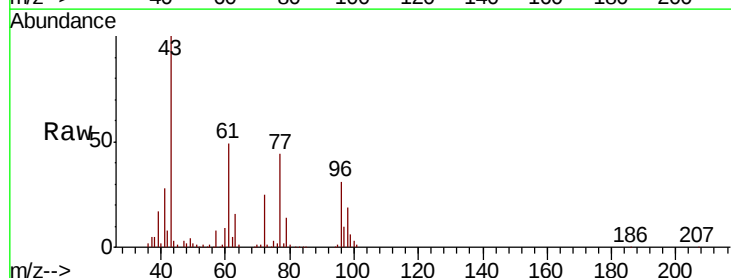
Instrument :
MSVOA_N
ClientSampled :

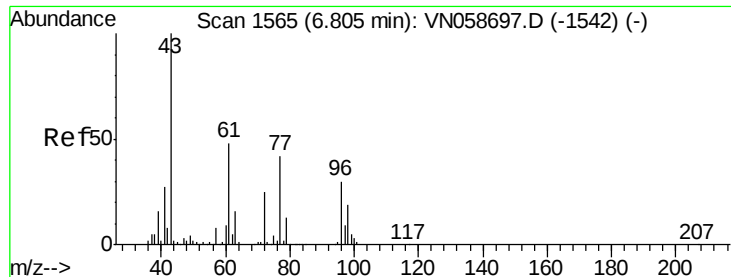
Tot Ion: 43 Resp: 1110076
Ion Ratio Lower Upper
43 100
72 24.9 20.2 30.2



#26
2,2-Dichloropropane
Concen: 46.433 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 77 Resp: 467871
Ion Ratio Lower Upper
77 100
97 21.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 47.499 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

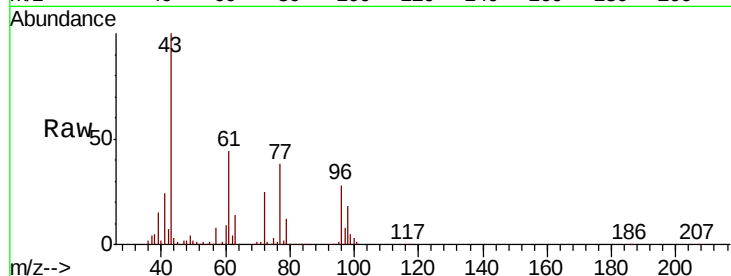
Tot Ion: 96 Resp: 306040

Ion Ratio Lower Upper

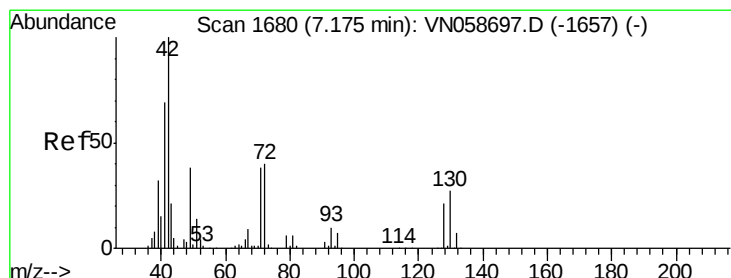
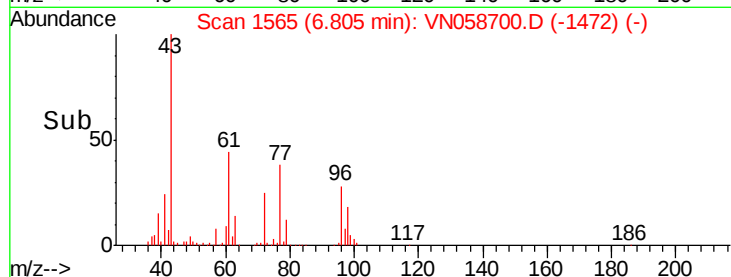
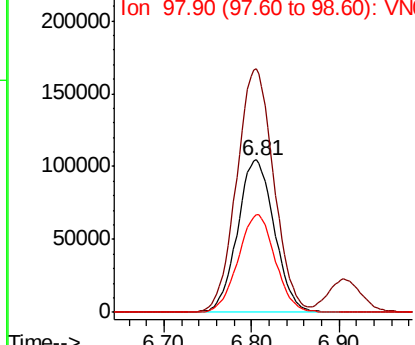
96 100

61 160.8 0.0 324.8

98 64.4 0.0 129.2



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: 49.130 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

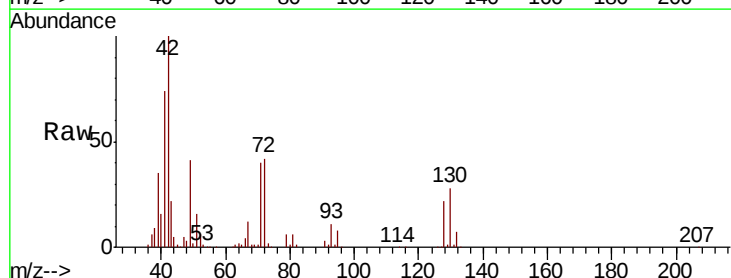
Tgt Ion: 49 Resp: 188669

Ion Ratio Lower Upper

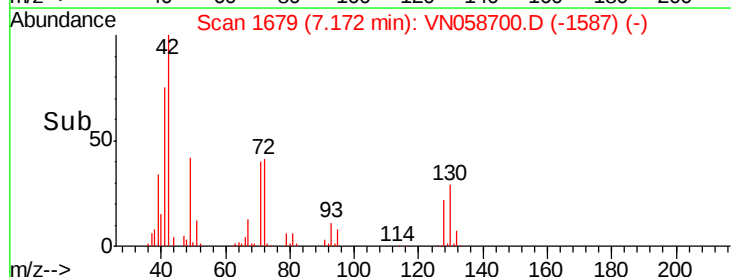
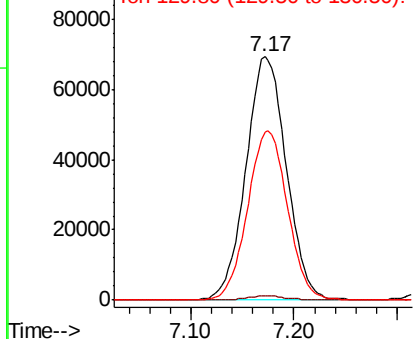
49 100

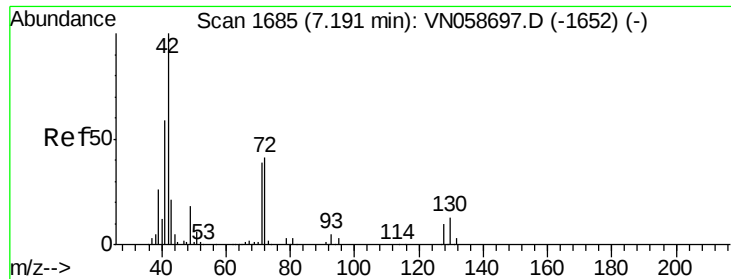
129 1.7 0.0 3.6

130 68.6 55.0 82.4



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

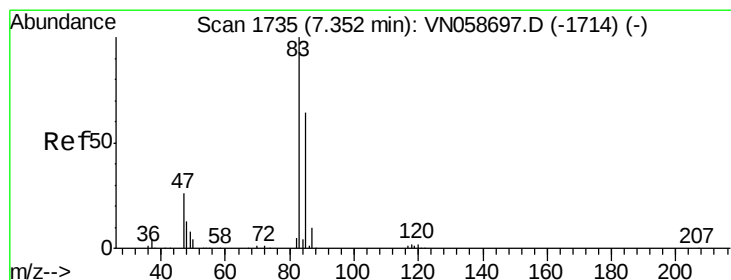
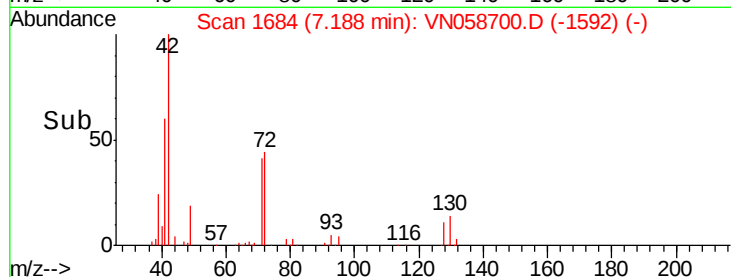
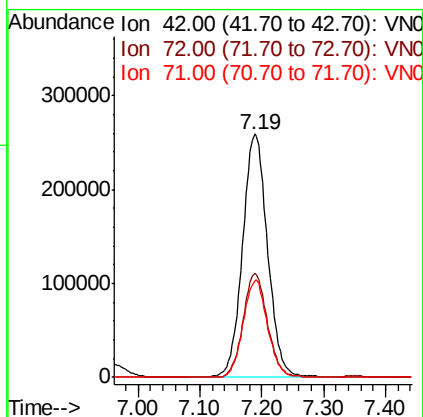
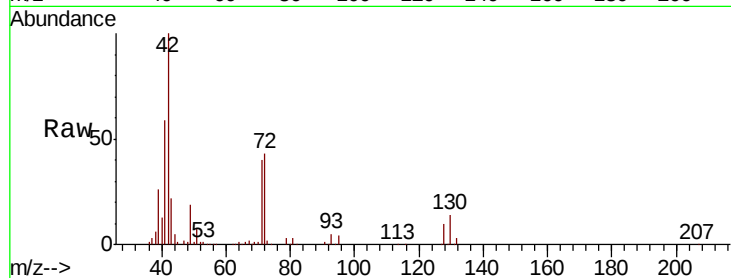




#29
Tetrahydrofuran
Concen: 261.684 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

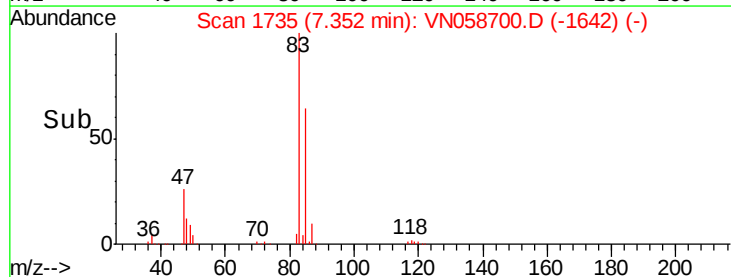
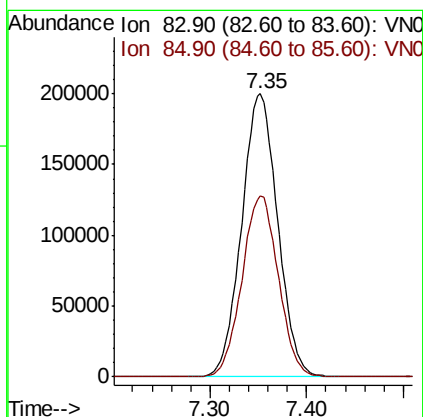
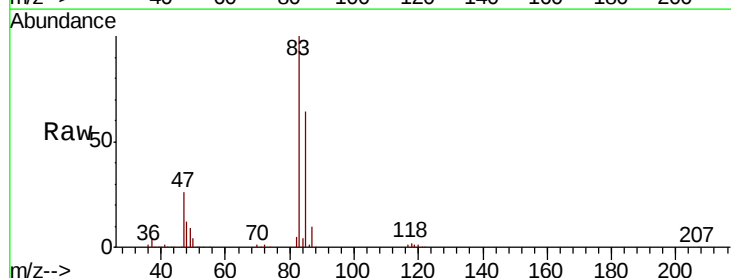
Instrument :
MSVOA_N
ClientSampled :

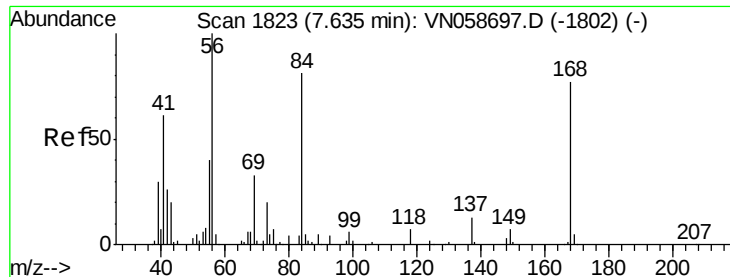
Tot Ion: 42 Resp: 728653
Ion Ratio Lower Upper
42 100
72 41.5 32.8 49.2
71 38.9 31.1 46.7



#30
Chloroform
Concen: 46.703 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 83 Resp: 517954
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.6

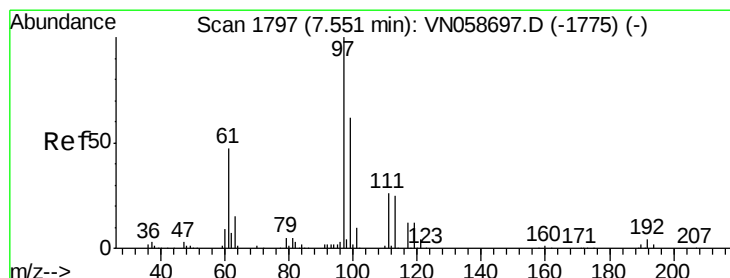
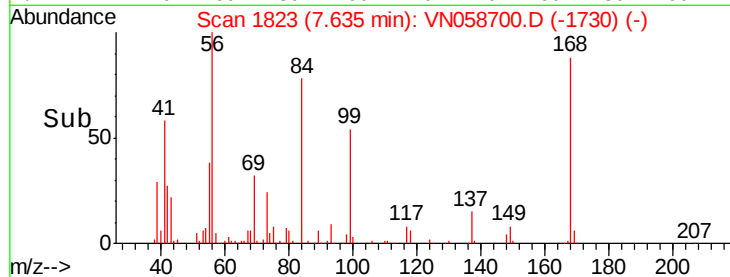
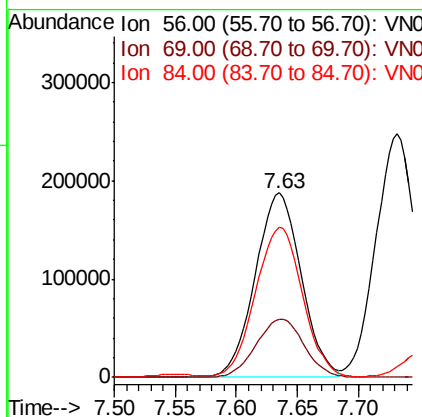
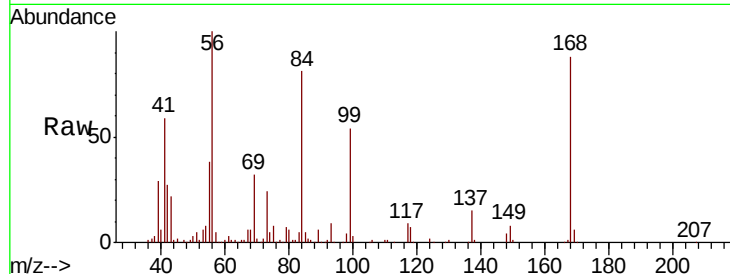




#31
Cyclohexane
Concen: 46.524 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

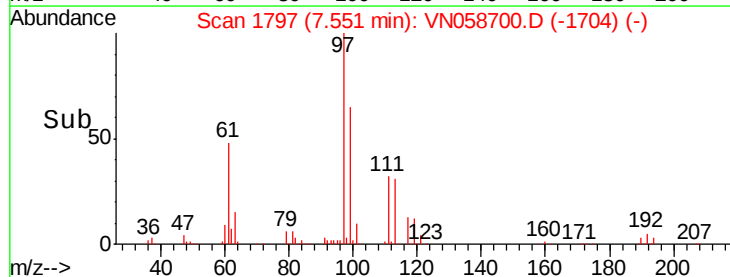
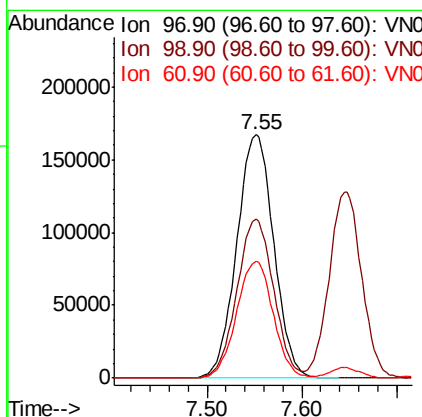
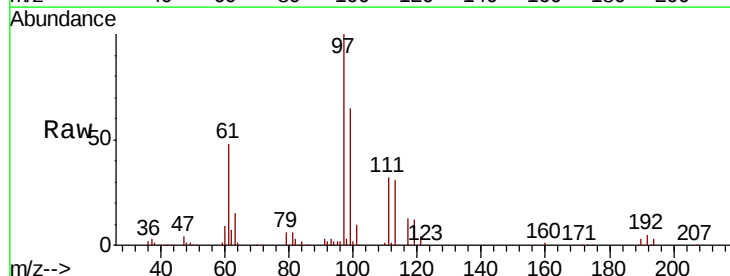
Instrument :
MSVOA_N
ClientSampled :

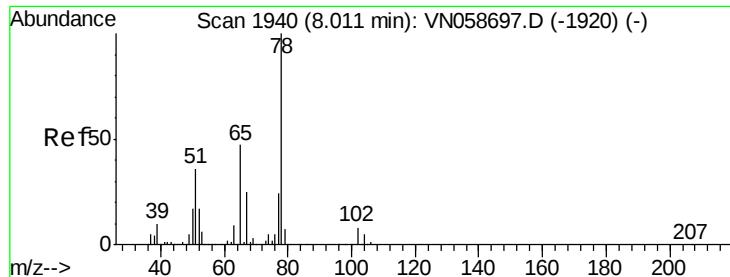
Tot Ion	56	Resp	491377
Ion Ratio	Lower	Upper	
56	100		
69	31.7	26.2	39.4
84	80.0	64.9	97.3



#32
1,1,1-Trichloroethane
Concen: 48.094 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion	97	Resp	454878
Ion Ratio	Lower	Upper	
97	100		
99	64.9	50.8	76.2
61	47.6	38.1	57.1

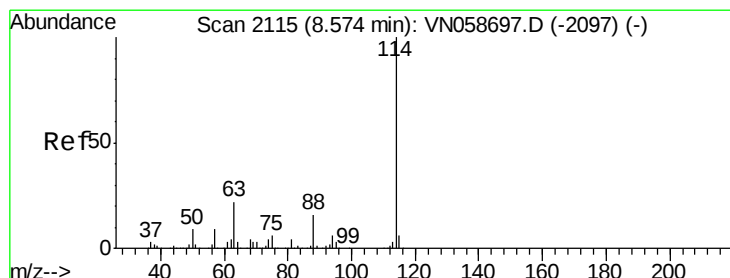
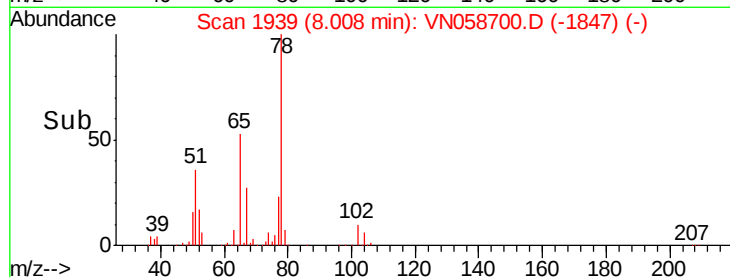
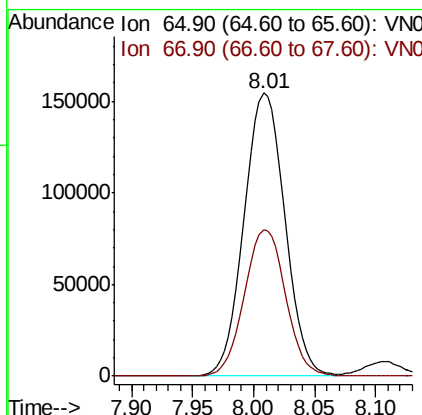
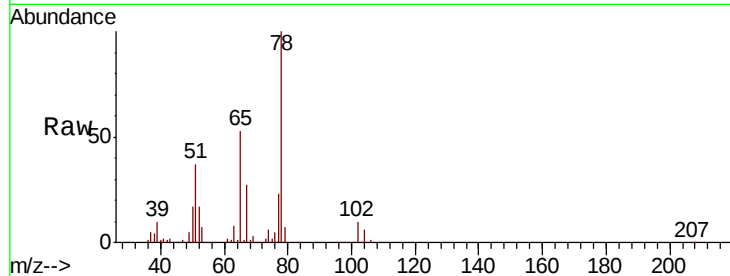




#33
 1,2-Dichloroethane-d4
 Concen: 49.886 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

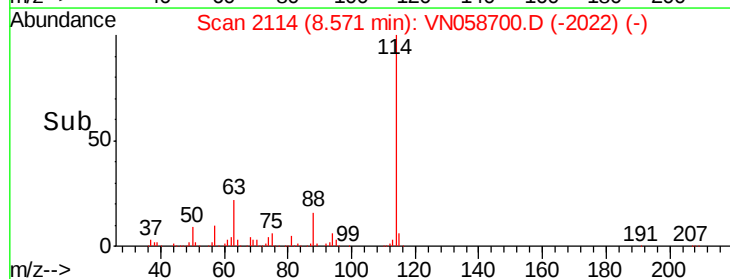
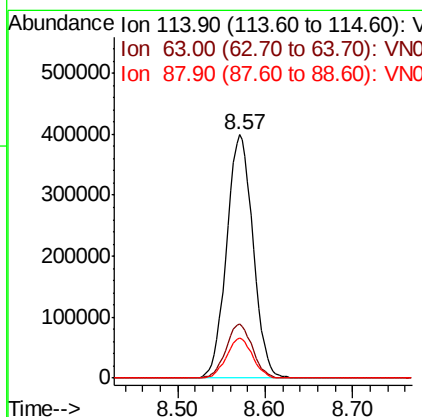
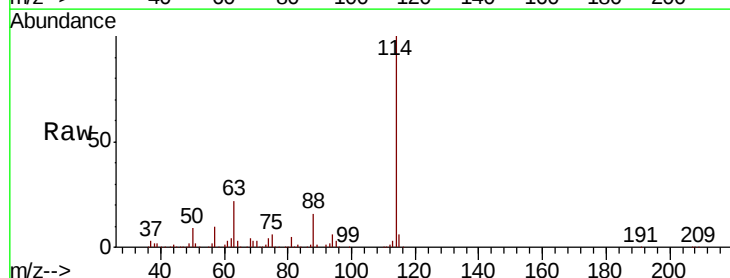
Instrument :
 MSVOA_N
 ClientSampleId :

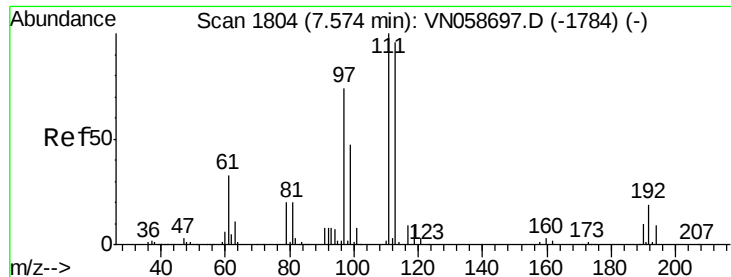
Tot Ion: 65 Resp: 359216
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion: 114 Resp: 835866
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.2 0.0 32.0

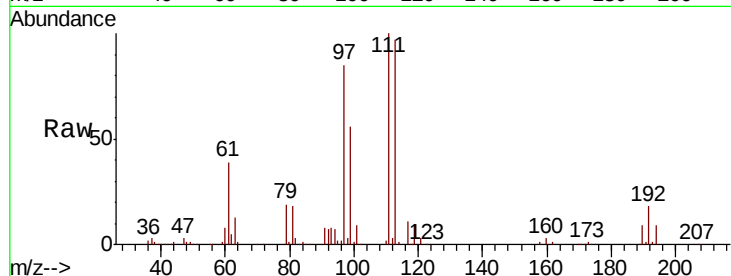




#35
 Dibromofluoromethane
 Concen: 50.818 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.3	123.5
192	18.6	15.0	22.6

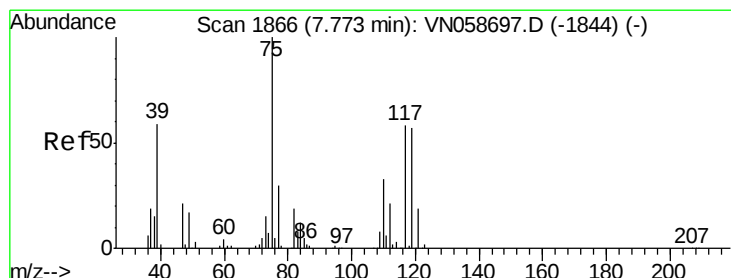
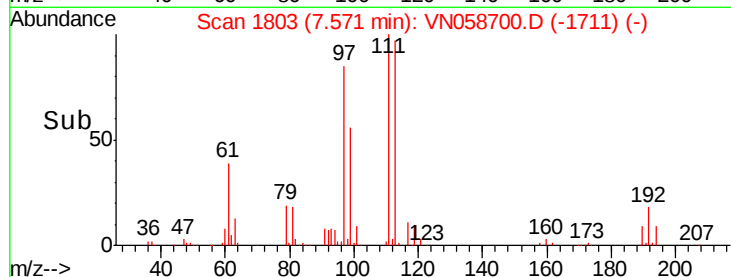
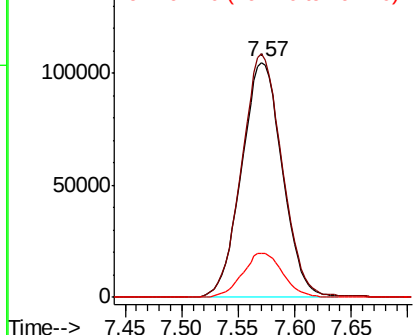


Abundance

Ion 112.80 (112.50 to 113.50): V

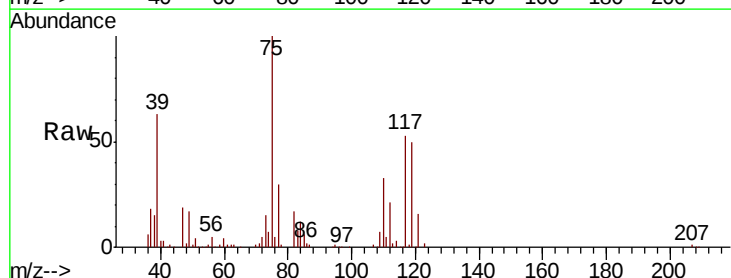
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.650 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.6	49.8
77	30.9	24.6	37.0

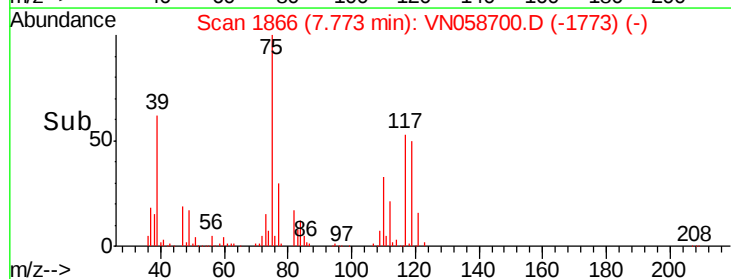
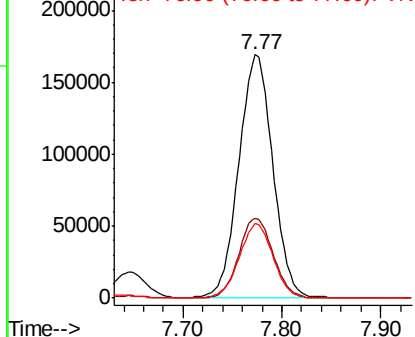


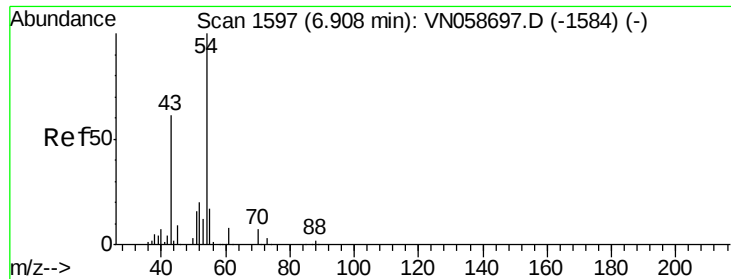
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

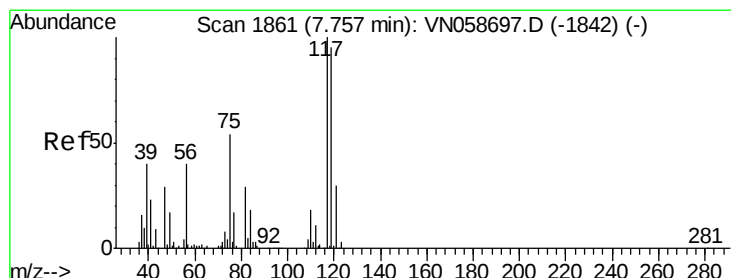
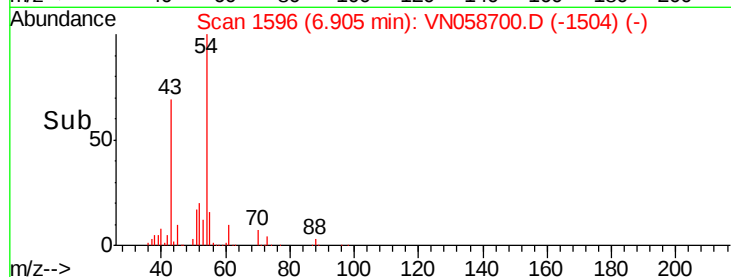
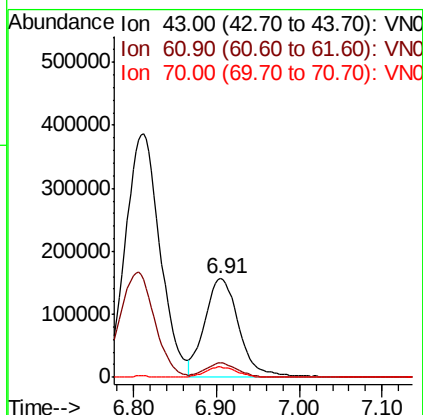
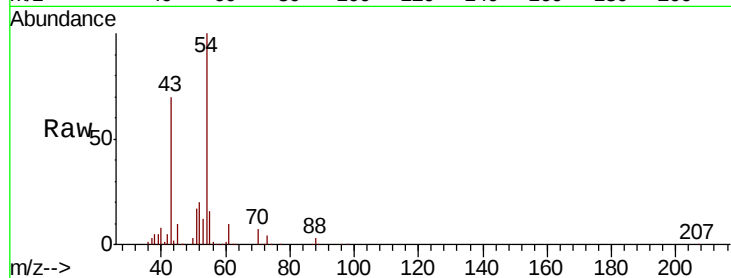




#37
Ethyl Acetate
Concen: 52.333 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

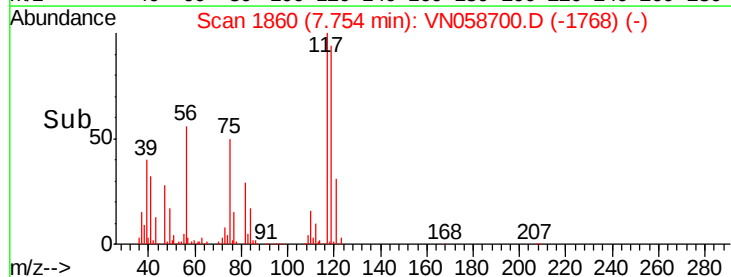
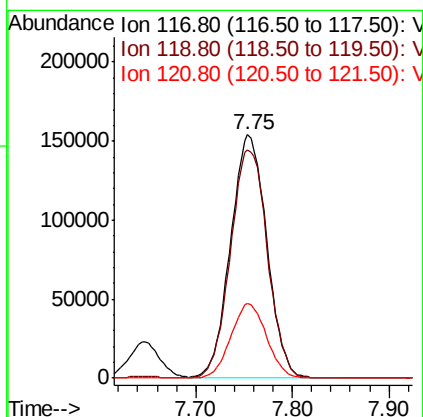
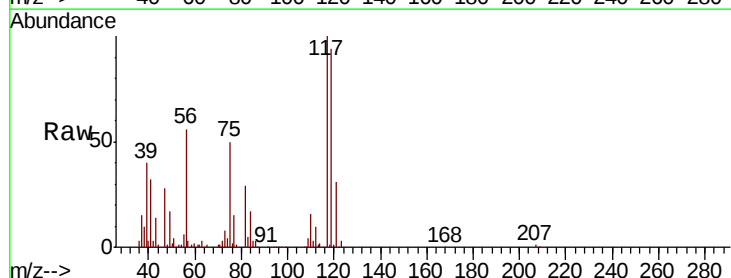
Instrument :
MSVOA_N
ClientSampled :

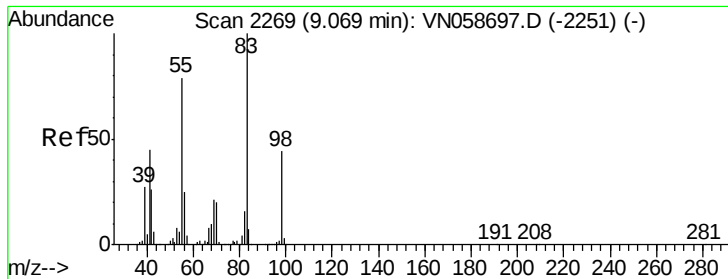
Tot Ion: 43 Resp: 447291
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 9.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 48.638 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 117 Resp: 400611
Ion Ratio Lower Upper
117 100
119 93.5 75.7 113.5
121 30.8 23.9 35.9

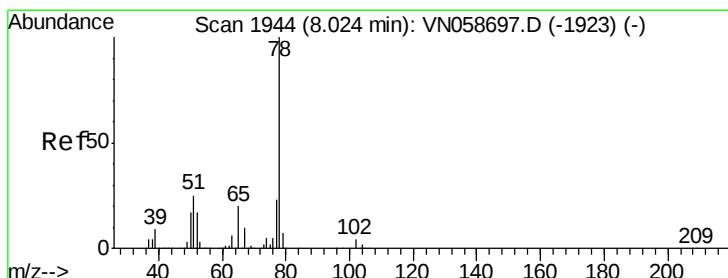
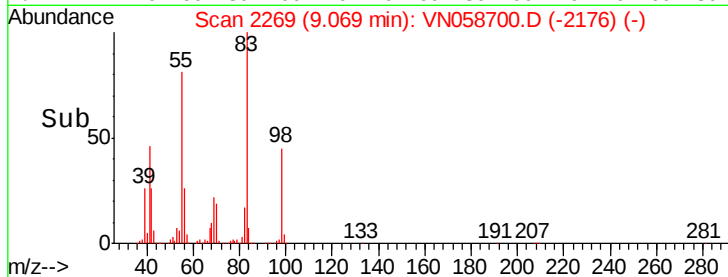
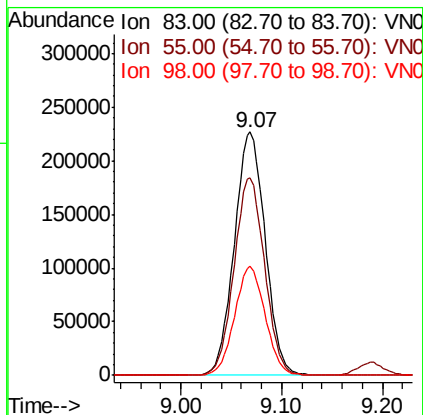
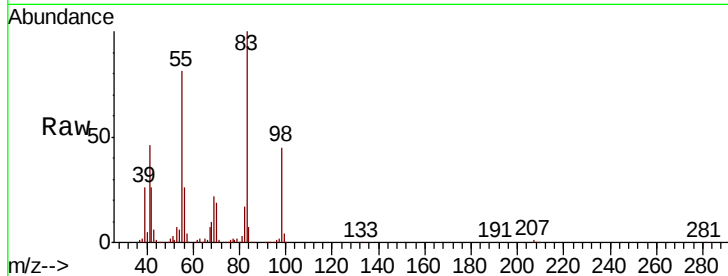




#39
Methvlcvclohexane
Concen: 49.102 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

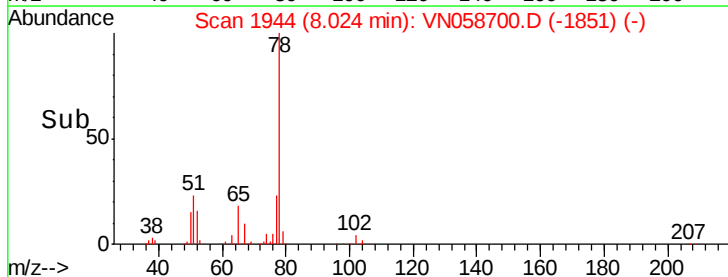
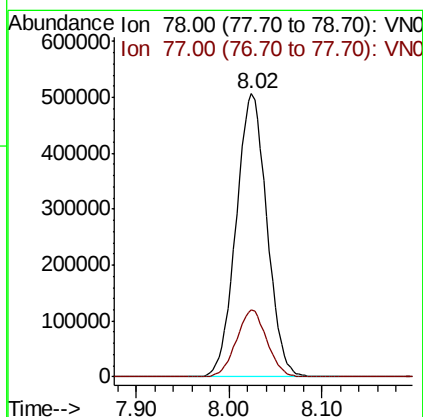
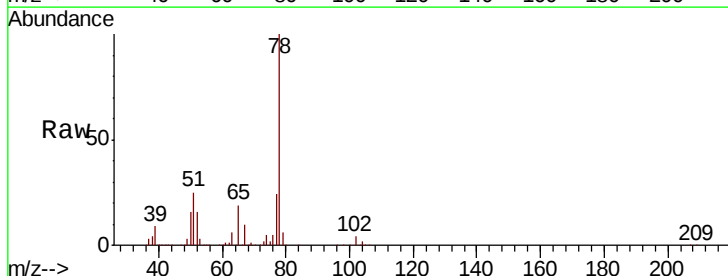
Instrument :
MSVOA_N
ClientSampleId :

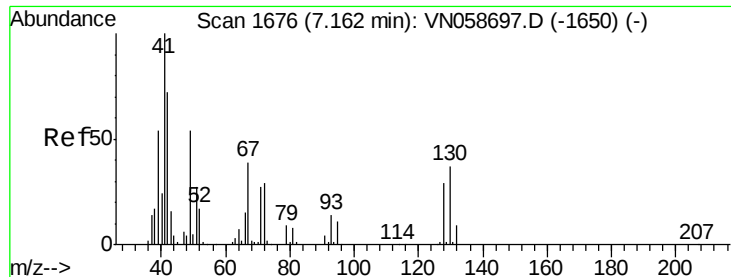
Tot Ion: 83 Resp: 481529
Ion Ratio Lower Upper
83 100
55 81.4 63.4 95.0
98 44.6 35.1 52.7



#40
Benzene
Concen: 48.074 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 78 Resp: 1166847
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

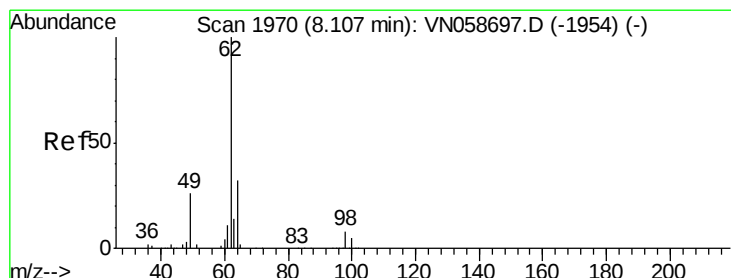
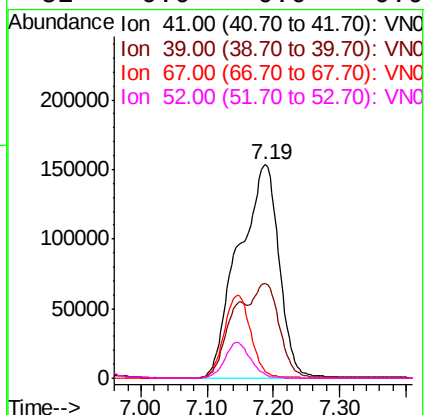
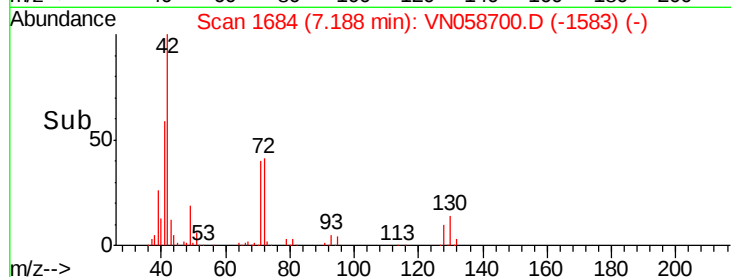
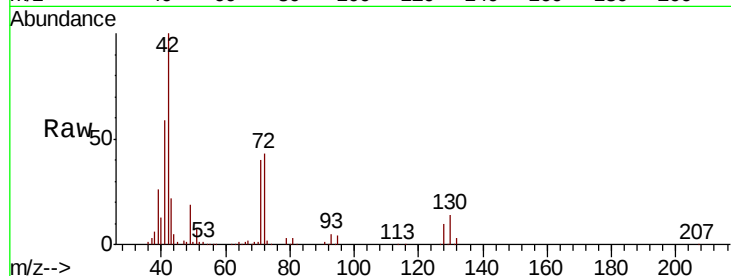




#41
Methacrylonitrile
Concen: 163.093 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

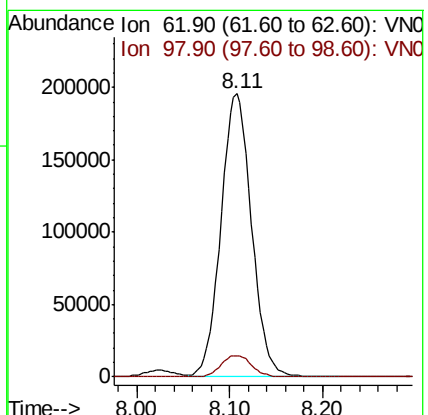
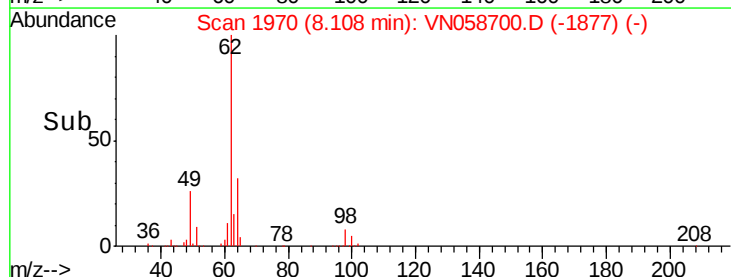
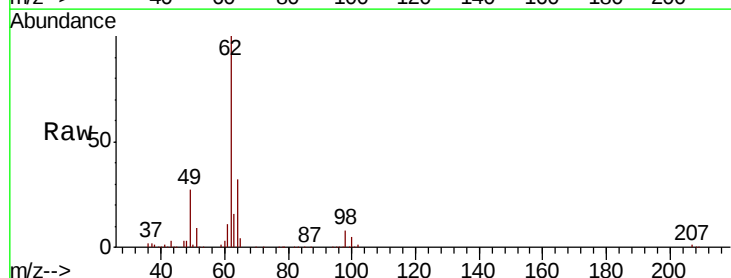
Instrument :
MSVOA_N
ClientSampleId :

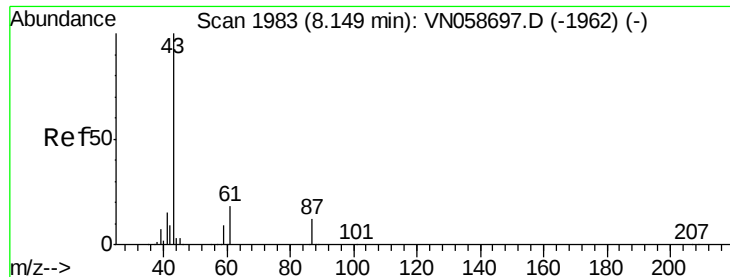
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	115.4	173.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.932 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 50.263 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

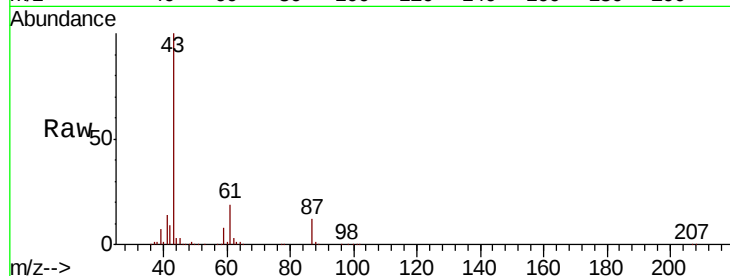
Tot Ion: 43 Resp: 731841

Ion Ratio Lower Upper

43 100

61 25.2 20.3 30.5

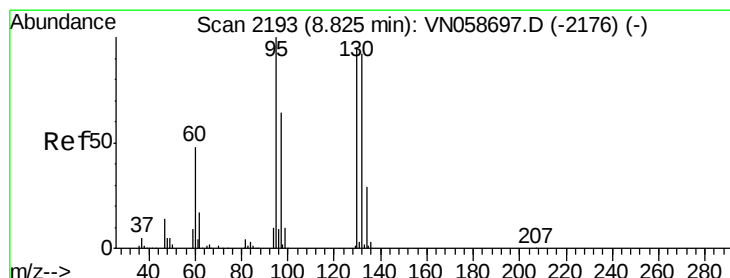
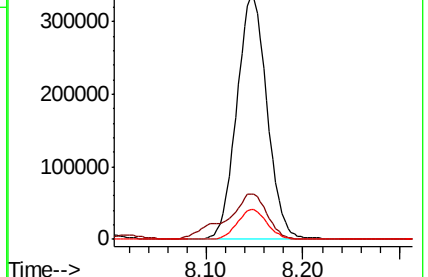
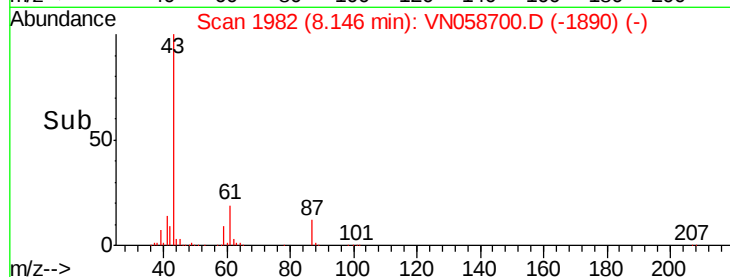
87 12.1 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN058697.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN058697.D (-1962) (-)



#44

Trichloroethene

Concen: 47.881 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN058700.D

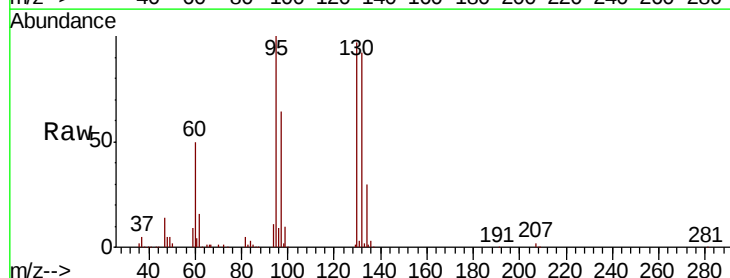
Acq: 11 Oct 2019 13:50

Tgt Ion:130 Resp: 288598

Ion Ratio Lower Upper

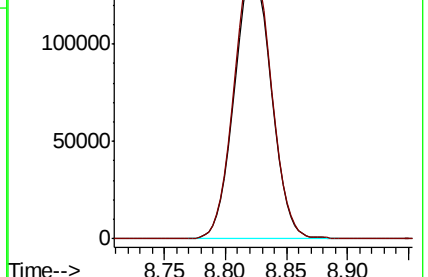
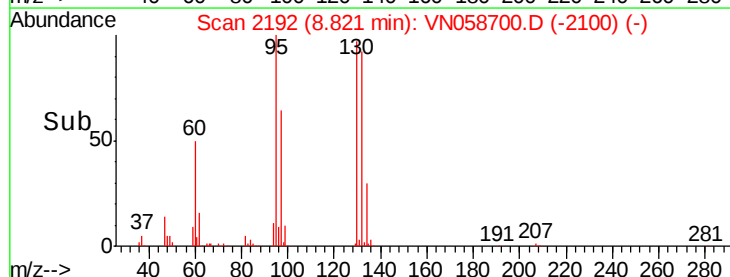
130 100

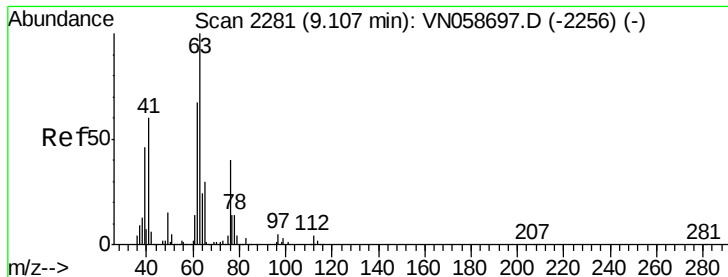
95 103.5 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN058697.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058697.D (-2176) (-)





#45

1,2-Dichloropropane

Concen: 48.184 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

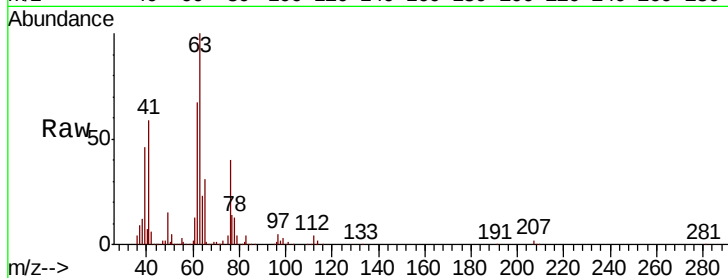
ClientSampleId :

Tot Ion: 63 Resp: 313081

Ion Ratio Lower Upper

63 100

65 31.4 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN058697.D (-2256) (-)

Ion 64.90 (64.60 to 65.60): VN058697.D (-2256) (-)

9.11

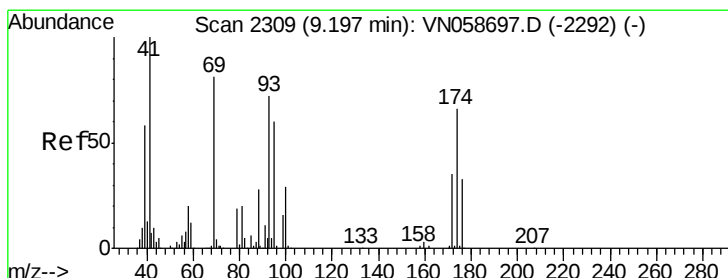
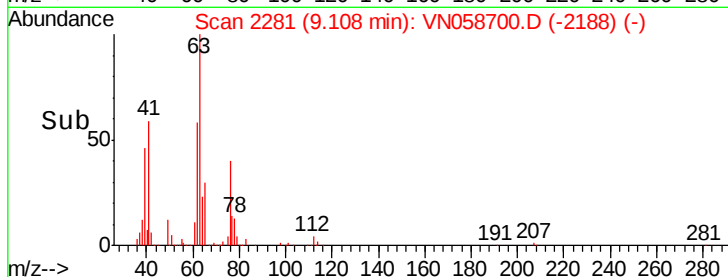
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.577 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

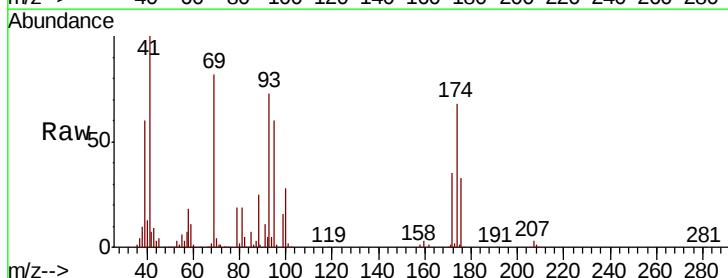
Tgt Ion: 93 Resp: 200114

Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 94.7 75.2 112.8



Abundance Ion 92.80 (92.50 to 93.50): VN058697.D (-2292) (-)

Ion 94.80 (94.50 to 95.50): VN058697.D (-2292) (-)

Ion 173.70 (173.40 to 174.40): VN058697.D (-2292) (-)

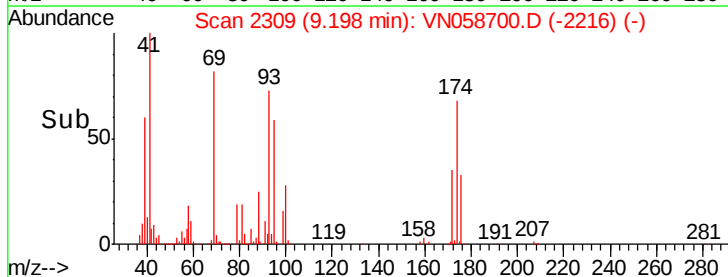
9.20

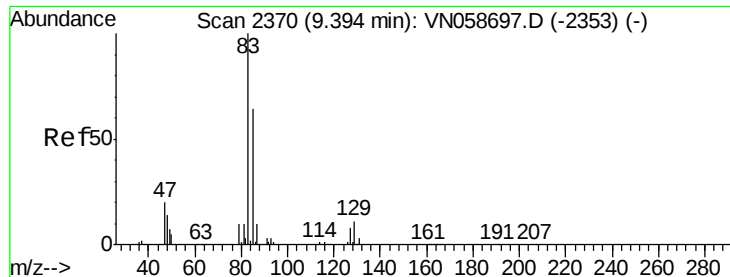
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 48.906 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

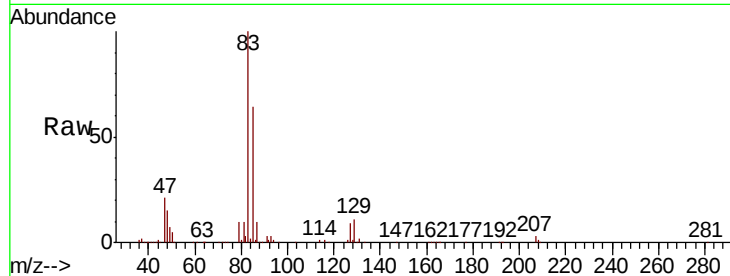
Tot Ion: 83 Resp: 410266

Ion Ratio Lower Upper

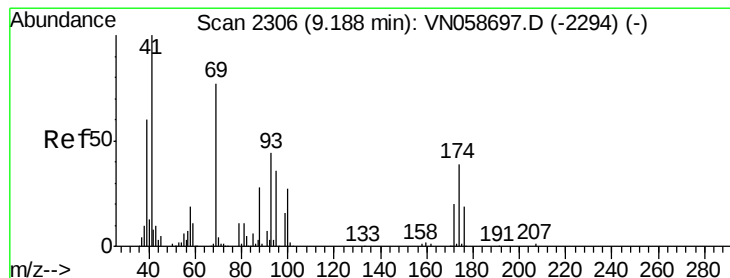
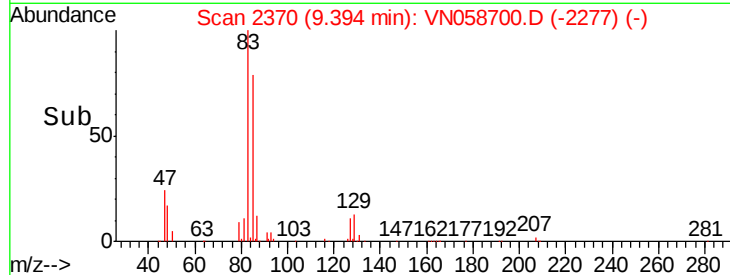
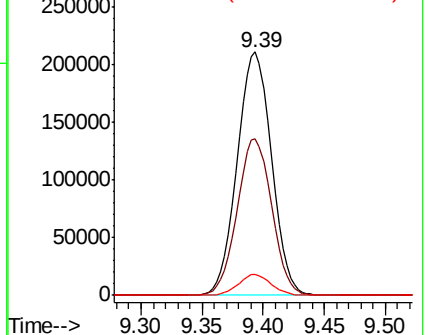
83 100

85 64.5 50.9 76.3

127 8.6 6.3 9.5



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



#48

Methyl methacrylate

Concen: 50.741 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

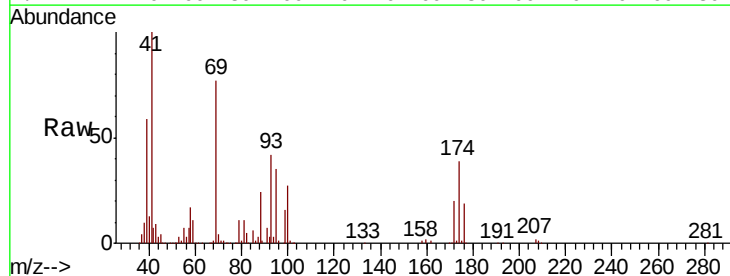
Tgt Ion: 41 Resp: 334893

Ion Ratio Lower Upper

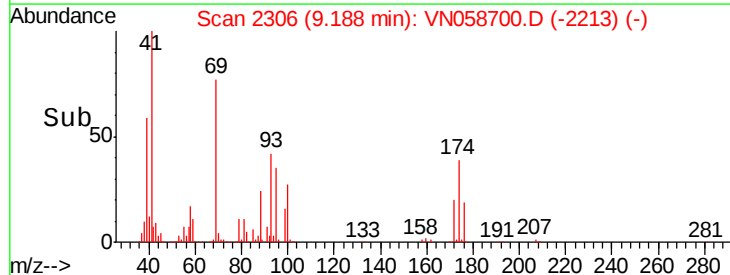
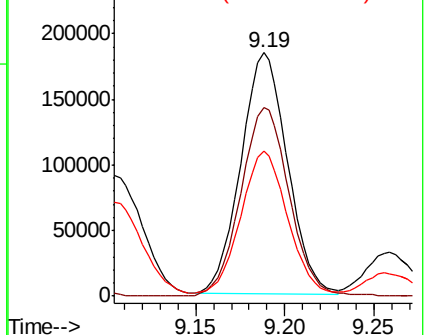
41 100

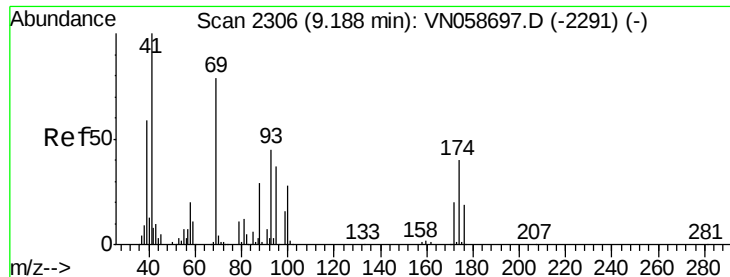
69 81.8 63.4 95.2

39 61.3 48.9 73.3



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

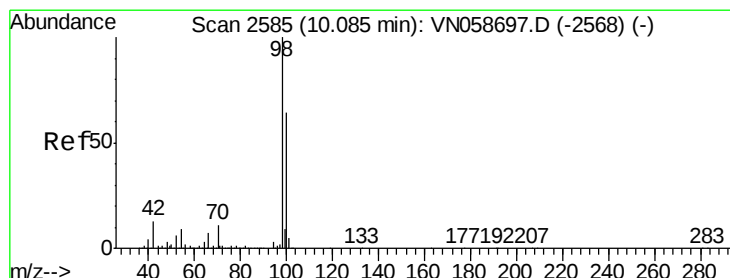
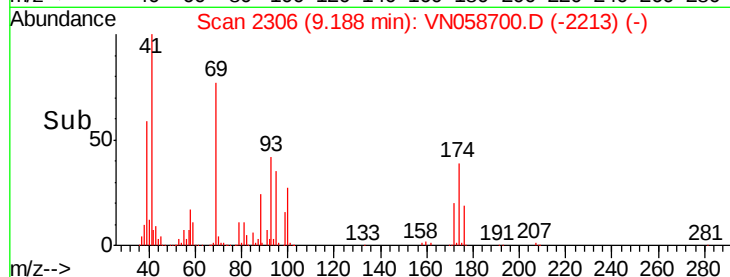
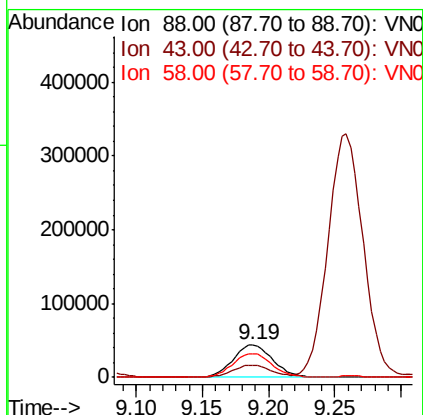
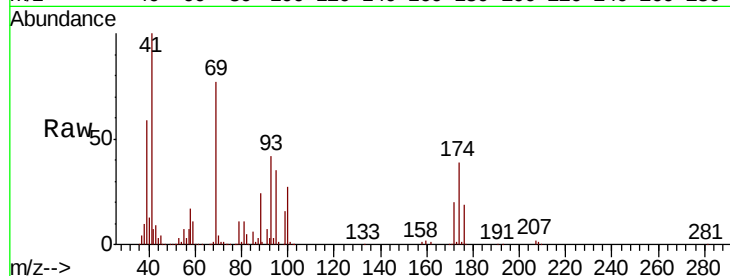




#49
 1,4-Dioxane
 Concen: 904.813 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

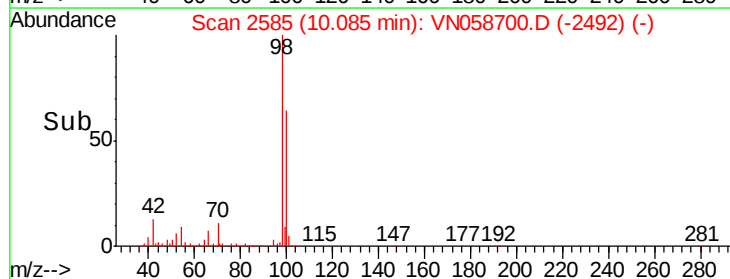
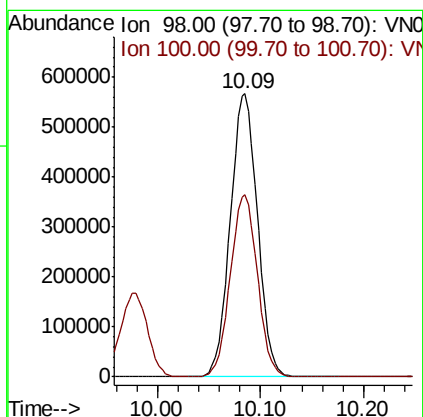
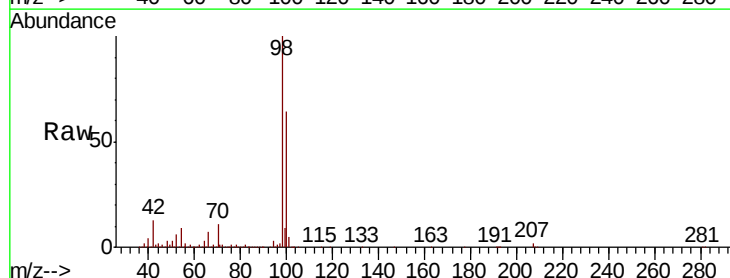
Instrument :
 MSVOA_N
 ClientSampleId :

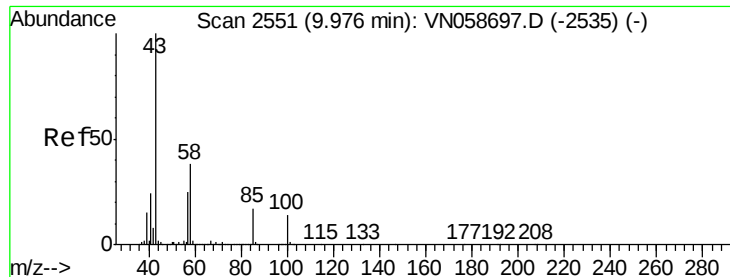
Tot Ion: 88 Resp: 92386
 Ion Ratio Lower Upper
 88 100
 43 35.9 28.6 43.0
 58 72.4 57.2 85.8



#50
 Toluene-d8
 Concen: 50.515 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion: 98 Resp: 1042925
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 276.120 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

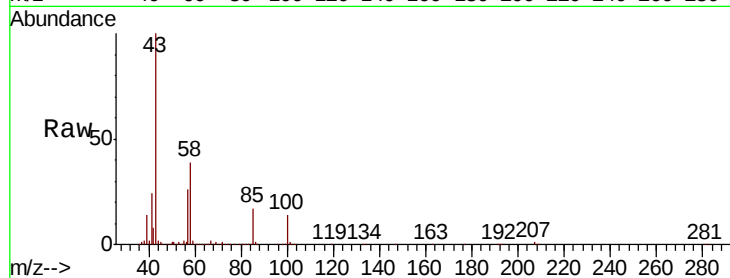
ClientSampled :

Tot Ion: 43 Resp: 2257876

Ion Ratio Lower Upper

43 100

58 38.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN058697.D (-2535) (-)

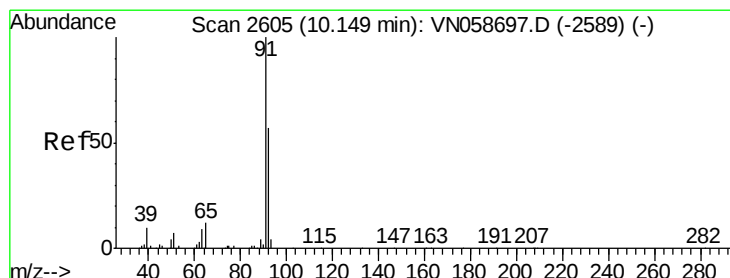
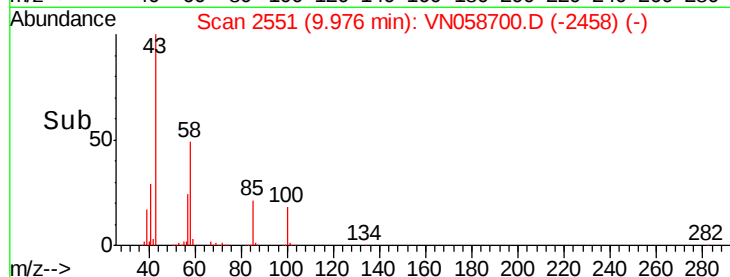
9.98

1000000

500000

0

Time-->



#52

Toluene

Concen: 49.257 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058700.D

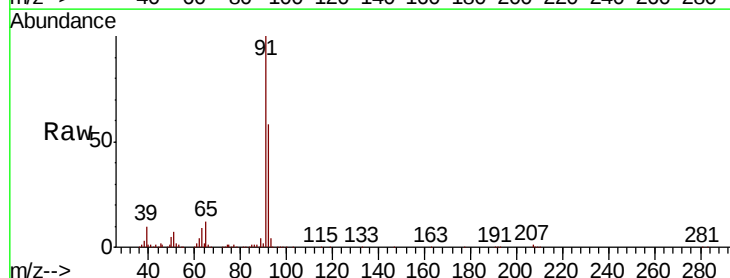
Acq: 11 Oct 2019 13:50

Tgt Ion: 92 Resp: 731227

Ion Ratio Lower Upper

92 100

91 172.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN058697.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN058697.D (-2589) (-)

10.15

800000

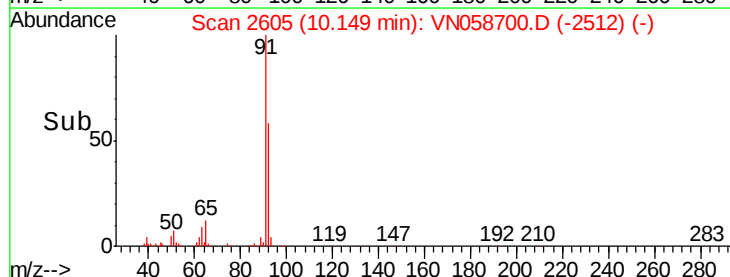
600000

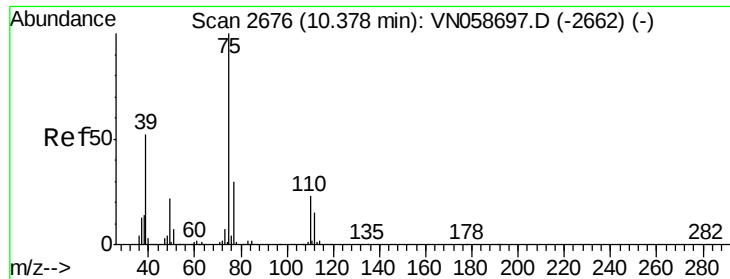
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.199 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

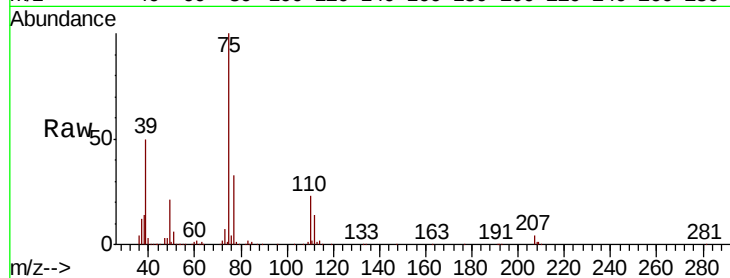
ClientSampleId :

Tot Ion: 75 Resp: 482984

Ion Ratio Lower Upper

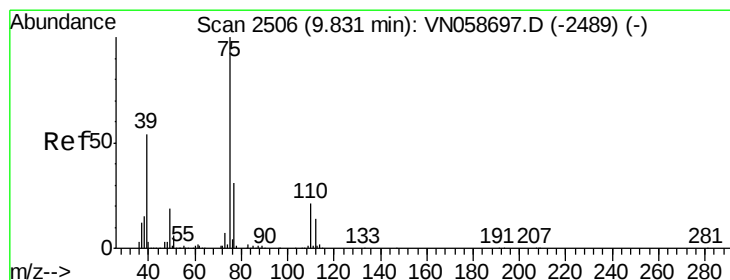
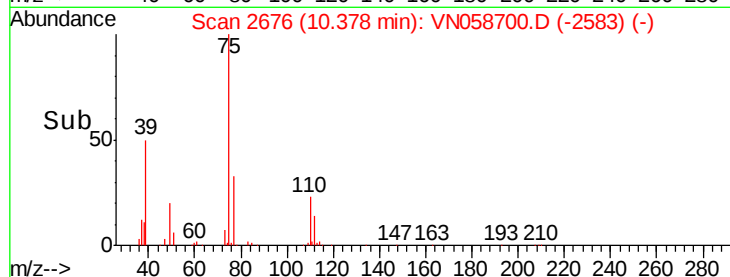
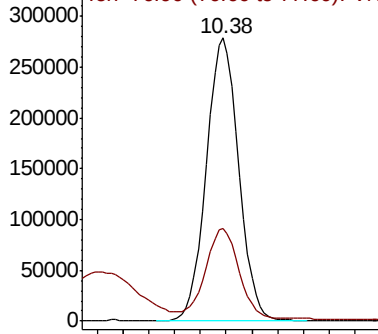
75 100

77 31.9 26.2 39.4



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: 50.400 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

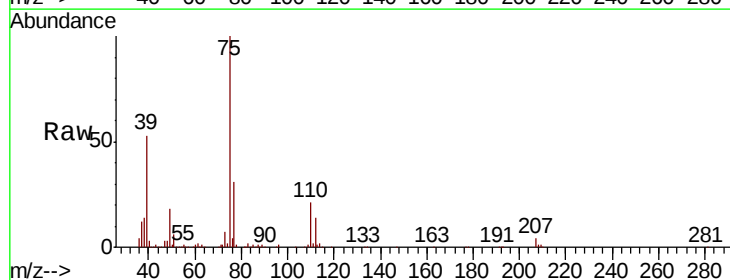
Tgt Ion: 75 Resp: 514859

Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6

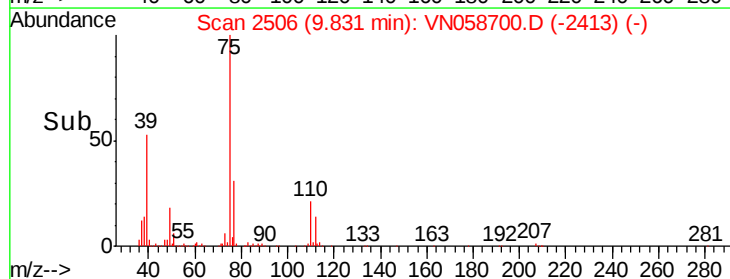
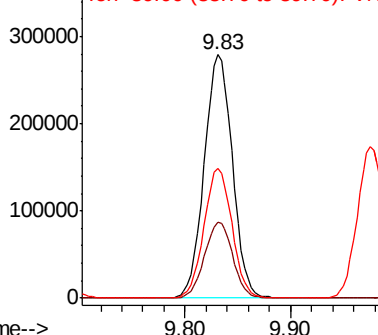
39 53.1 43.1 64.7

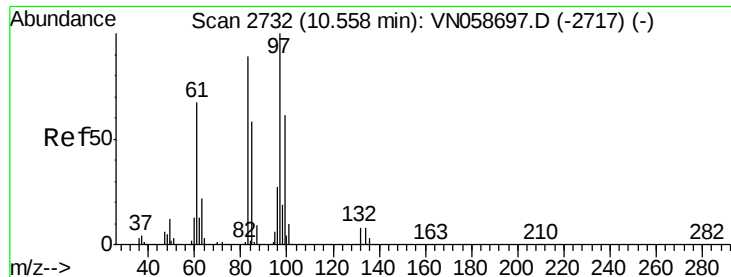


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

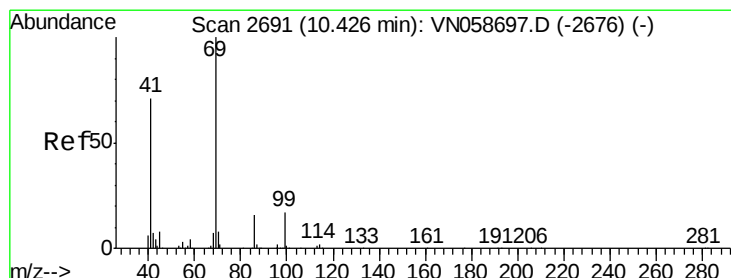
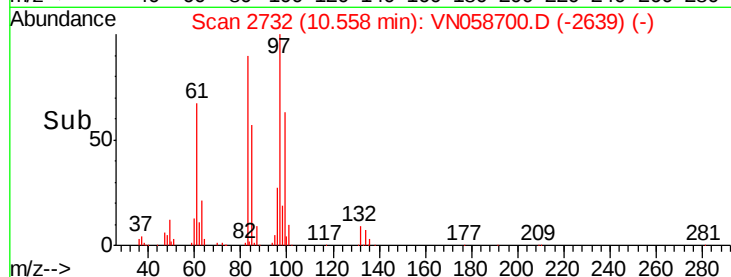
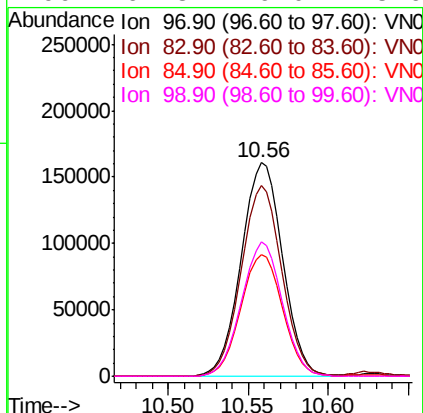
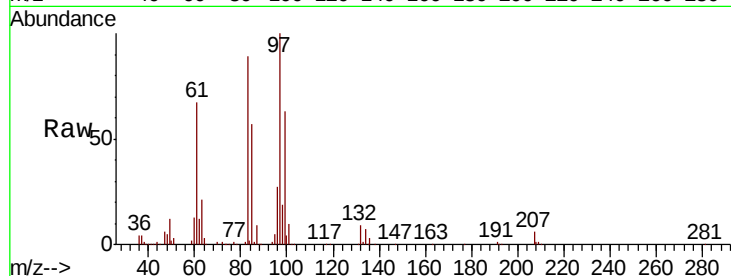




#55
 1,1,2-Trichloroethane
 Concen: 46.495 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

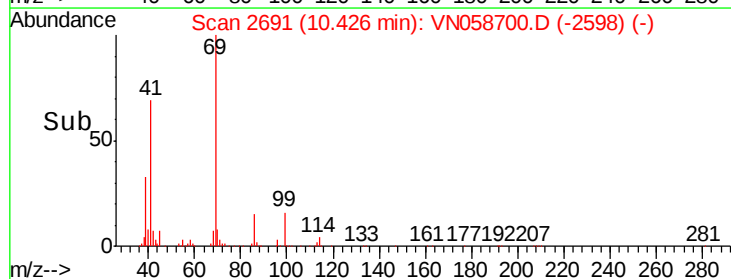
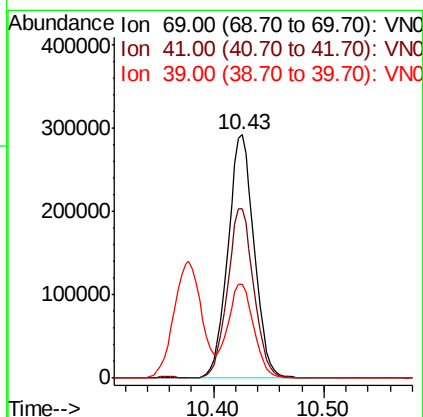
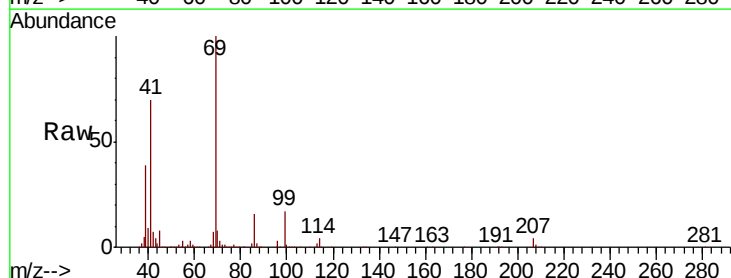
Instrument :
 MSVOA_N
 ClientSampleId :

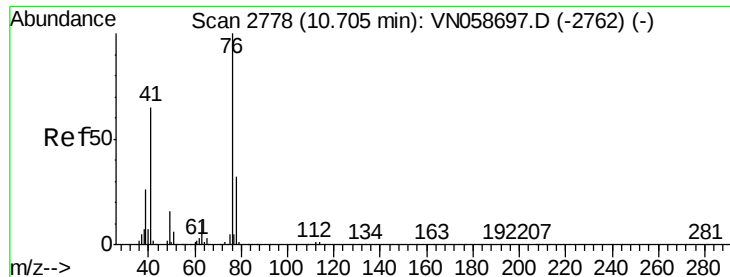
Tot Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.2	106.8
85	57.2	46.7	70.1
99	62.8	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 54.058 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.8	85.2
39	37.9	32.5	48.7





#57

1,3-Dichloropropane

Concen: 48.755 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

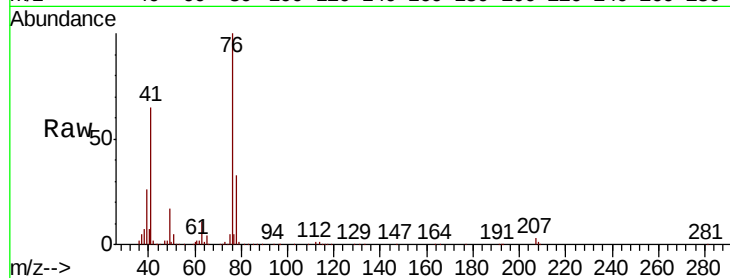
ClientSampleId :

Tot Ion: 76 Resp: 504806

Ion Ratio Lower Upper

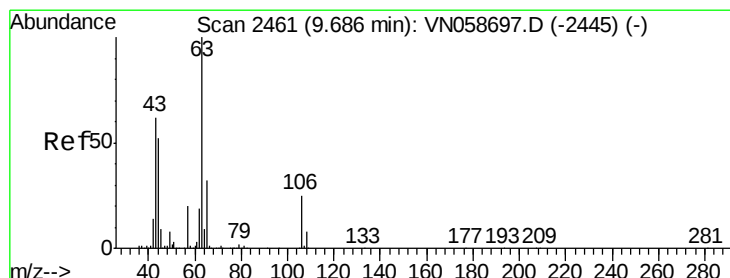
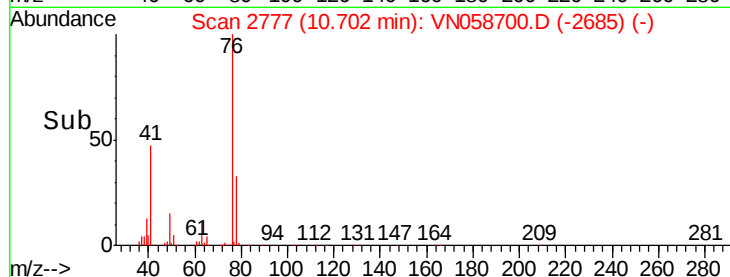
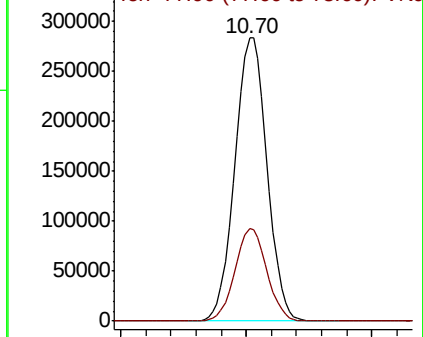
76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 239.142 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058700.D

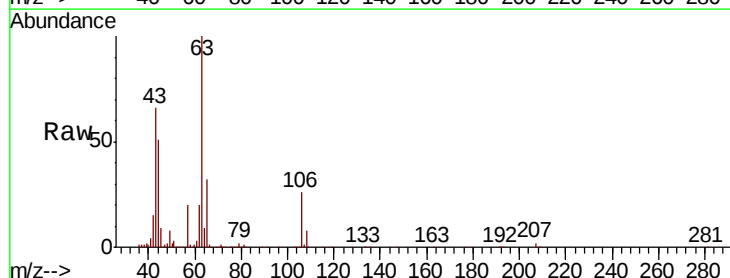
Acq: 11 Oct 2019 13:50

Tgt Ion: 63 Resp: 1023002

Ion Ratio Lower Upper

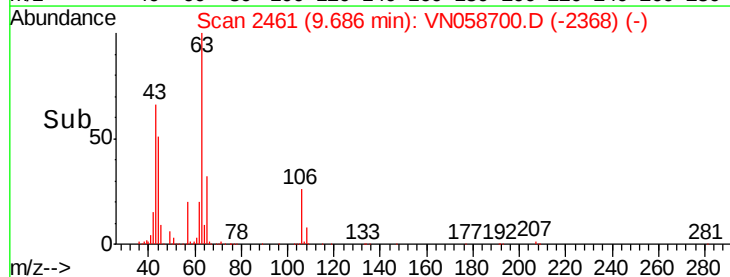
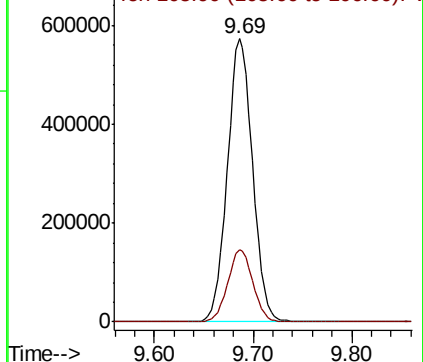
63 100

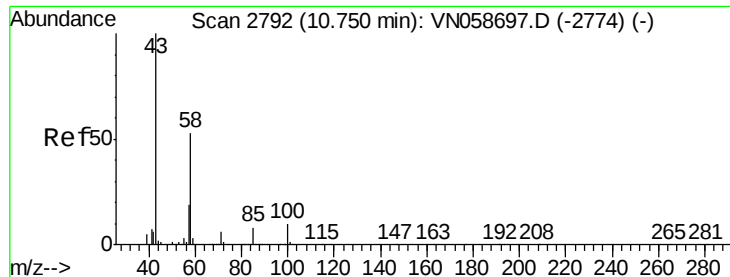
106 25.4 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

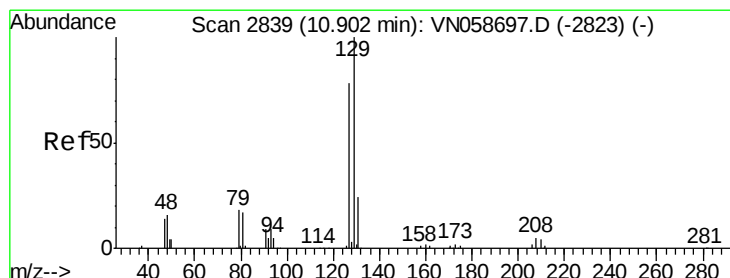
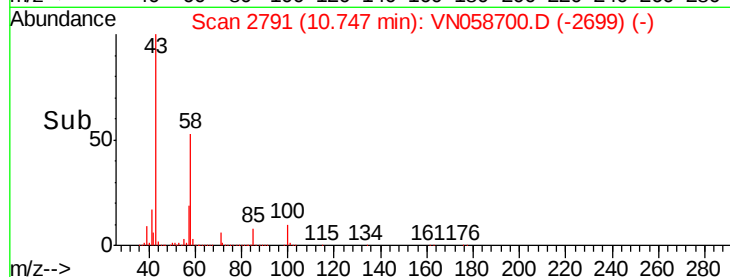
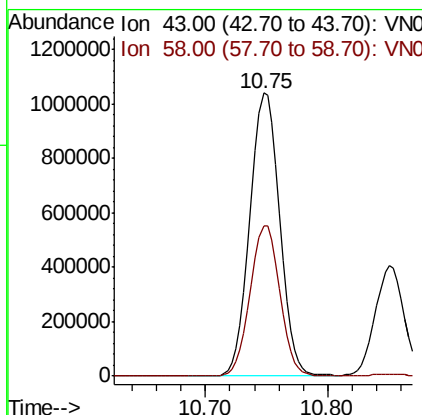
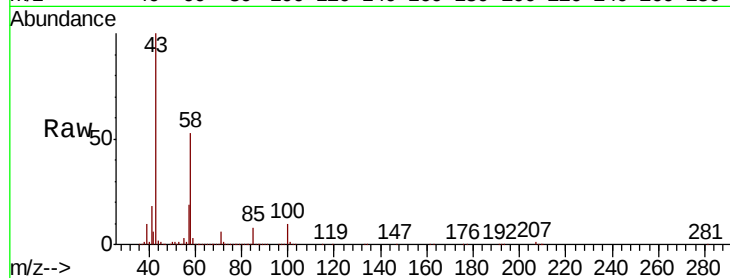




#59
2-Hexanone
Concen: 277.513 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

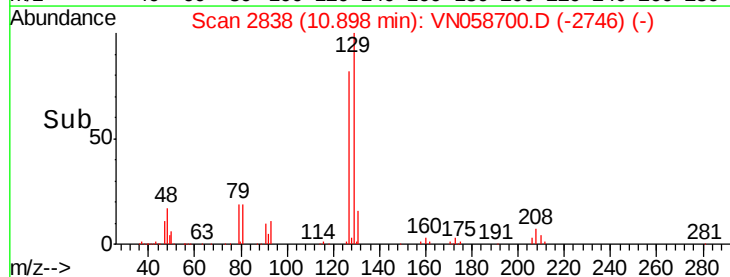
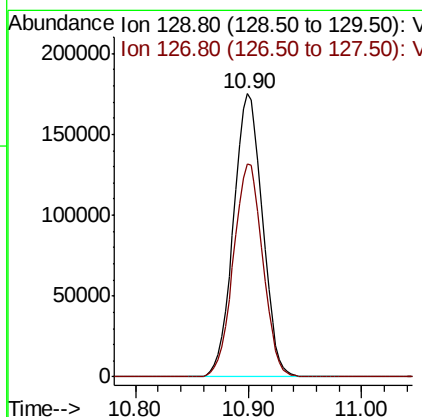
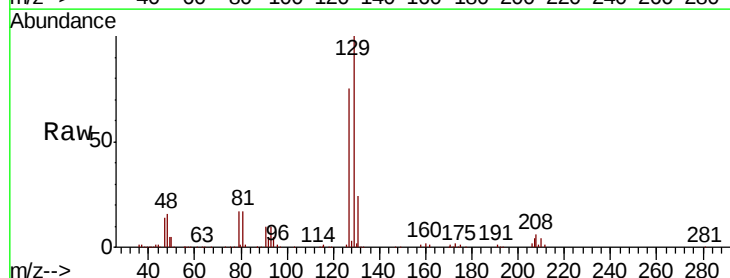
Instrument :
MSVOA_N
ClientSampled :

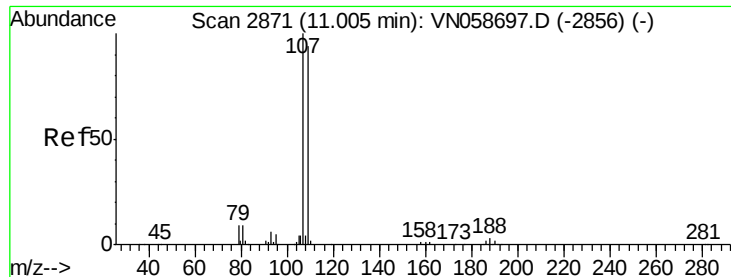
Tot Ion: 43 Resp: 1753701
Ion Ratio Lower Upper
43 100
58 52.9 26.1 78.3



#60
Dibromochloromethane
Concen: 49.962 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 129 Resp: 313153
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.546 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

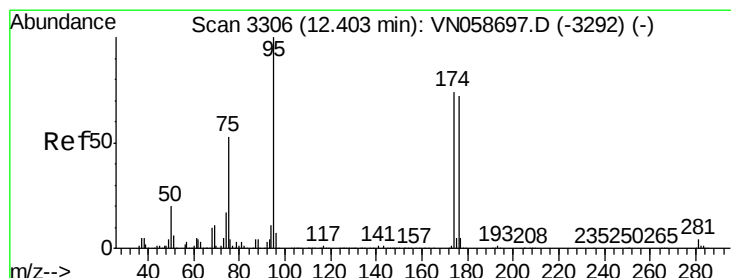
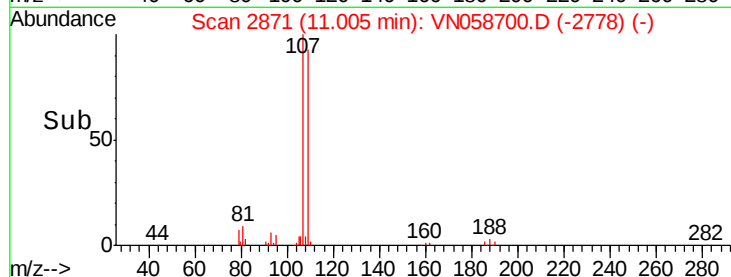
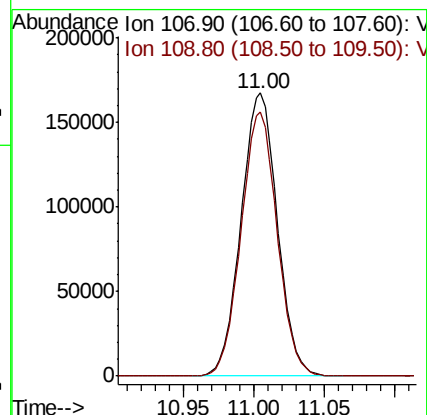
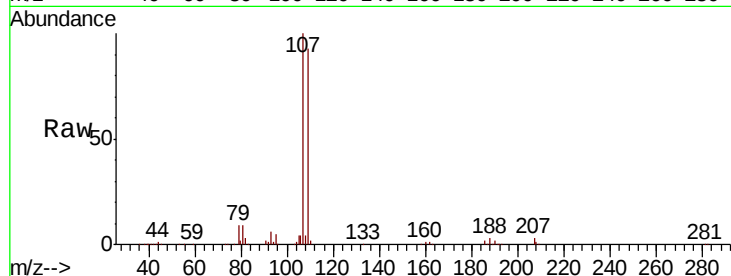
ClientSampleId :

Tot Ion:107 Resp: 301595

Ion Ratio Lower Upper

107 100

109 93.2 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 50.335 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

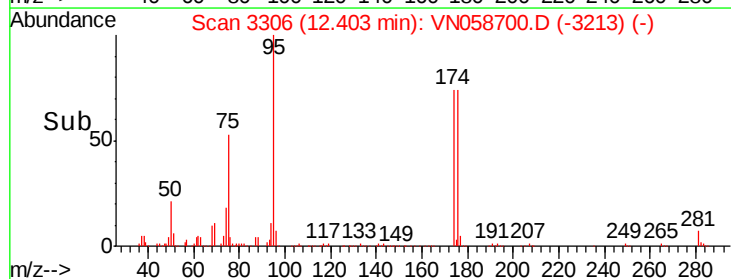
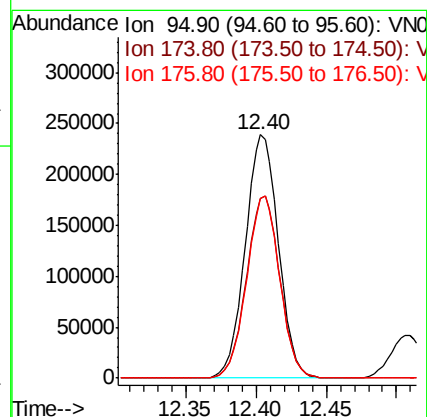
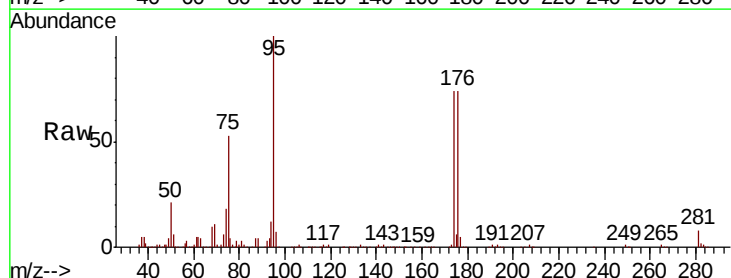
Tgt Ion: 95 Resp: 393374

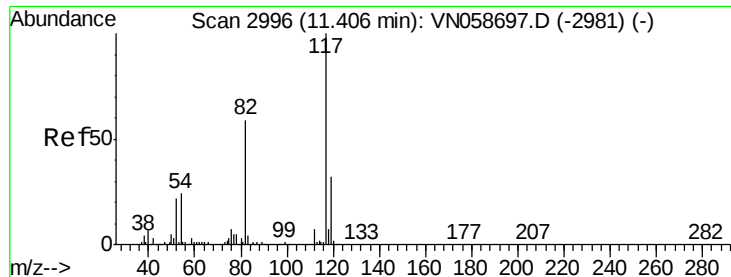
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.4

176 74.6 0.0 146.8

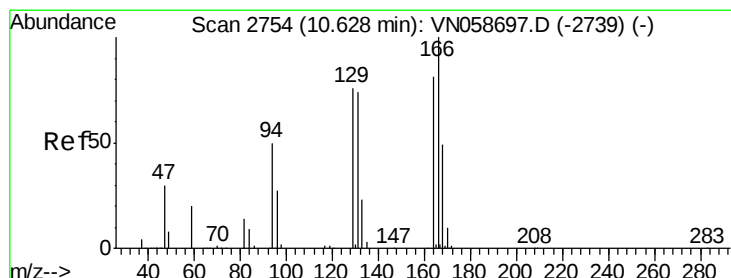
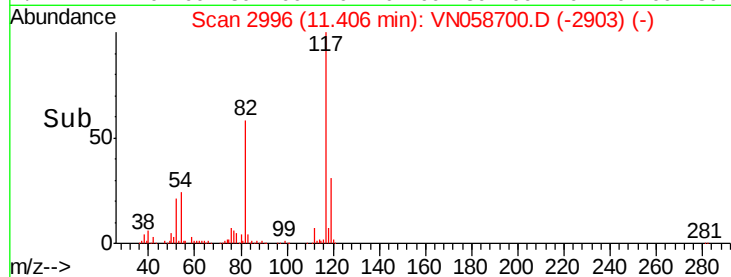
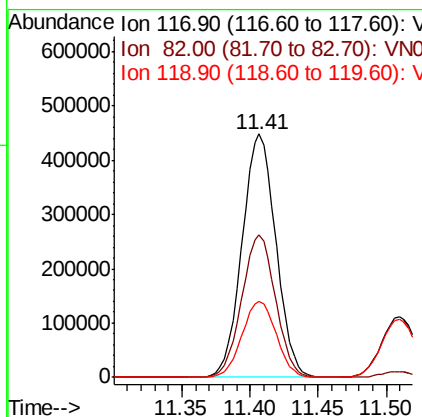
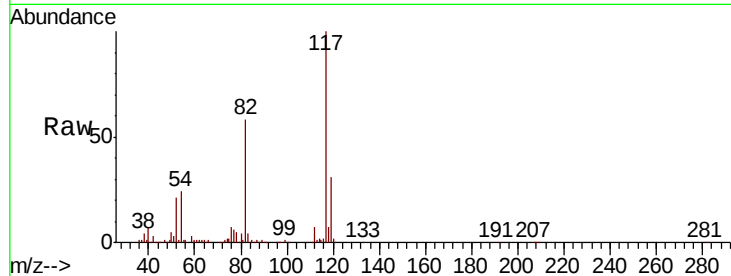




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

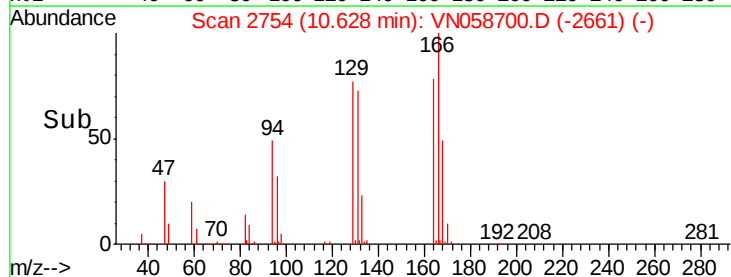
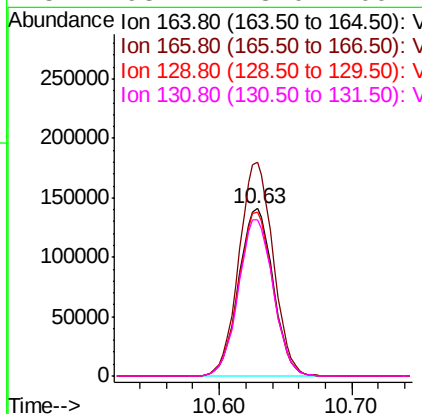
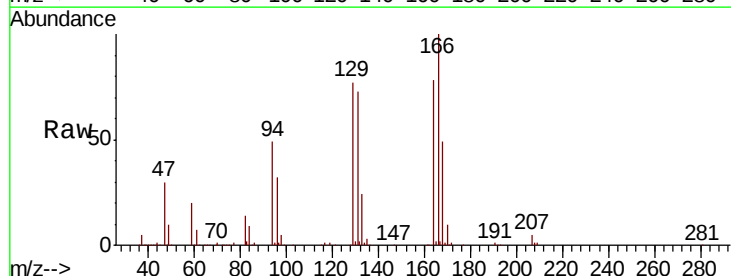
Instrument :
MSVOA_N
ClientSampled :

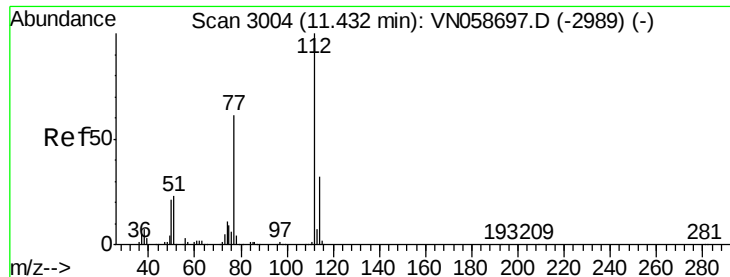
Tot Ion:117 Resp: 771149
Ion Ratio Lower Upper
117 100
82 58.3 47.0 70.4
119 31.2 25.4 38.2



#64
Tetrachloroethene
Concen: 47.151 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion:164 Resp: 254460
Ion Ratio Lower Upper
164 100
166 127.6 99.3 148.9
129 98.1 75.2 112.8
131 93.2 73.0 109.4

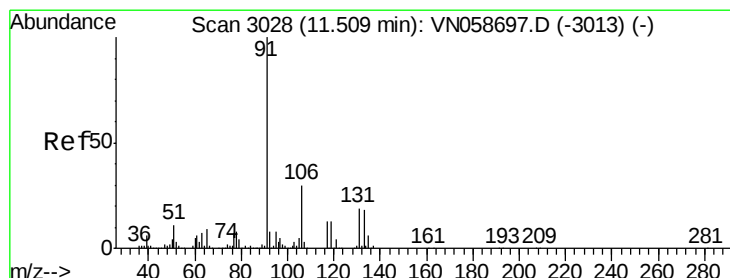
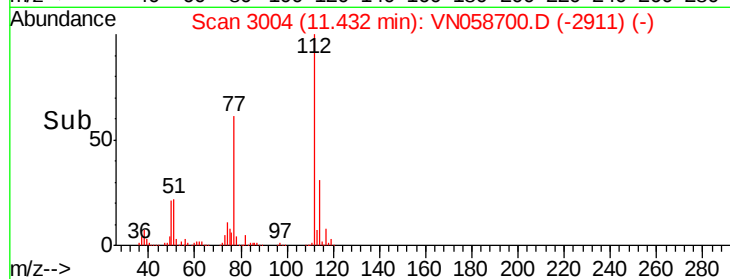
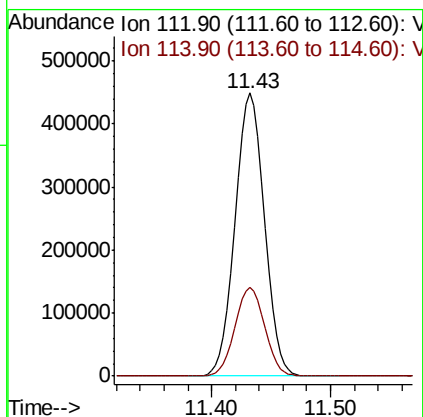
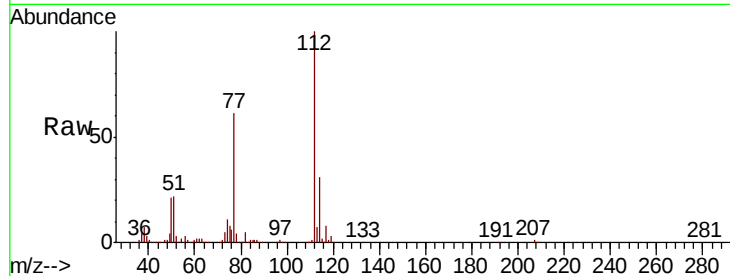




#65
Chlorobenzene
Concen: 49.050 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

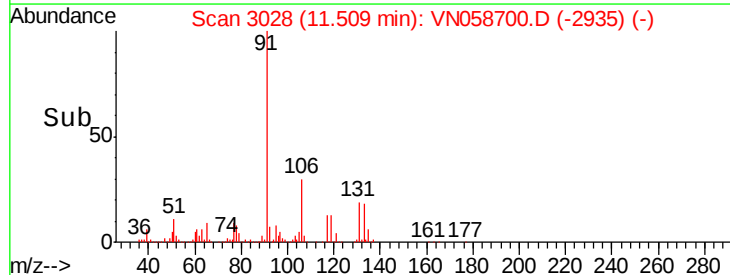
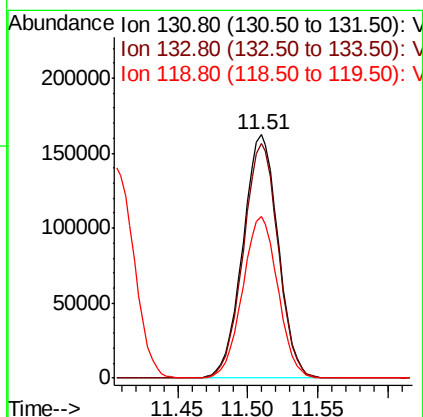
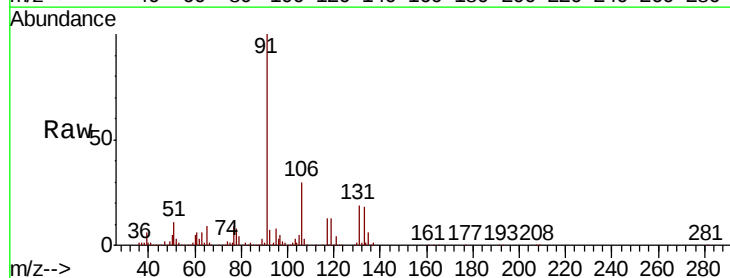
Instrument :
MSVOA_N
ClientSampled :

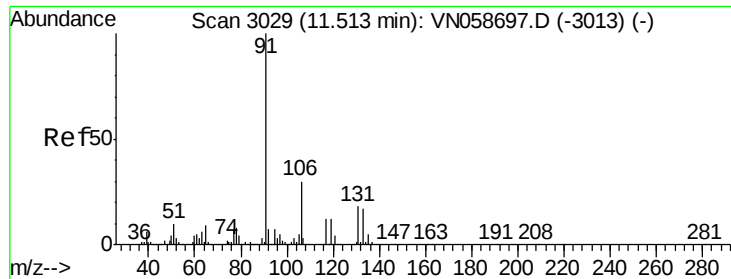
Tot Ion:112 Resp: 768151
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.354 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion:131 Resp: 285802
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 66.2 33.0 98.9

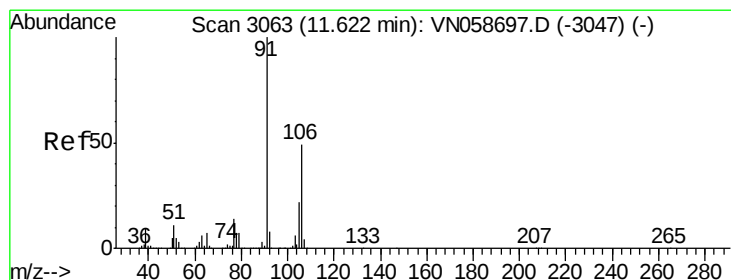
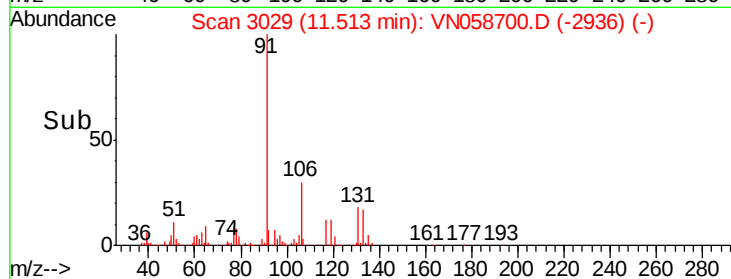
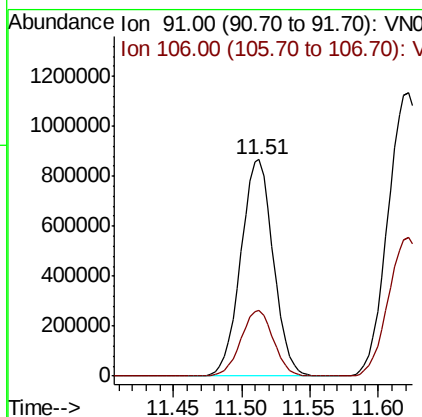
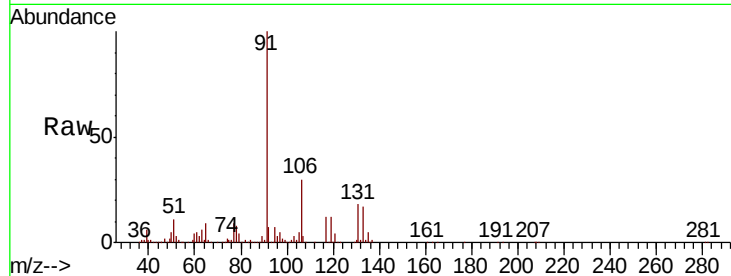




#67
Ethyl Benzene
Concen: 51.223 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

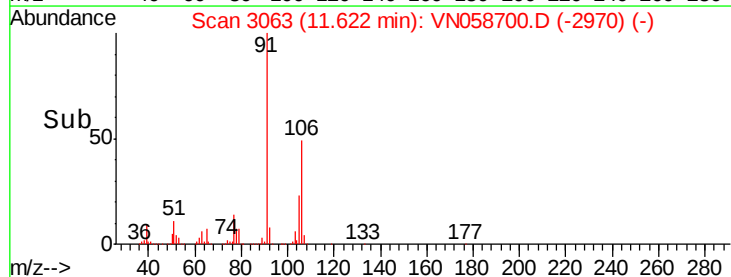
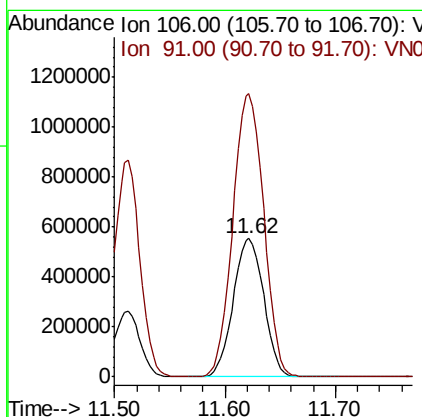
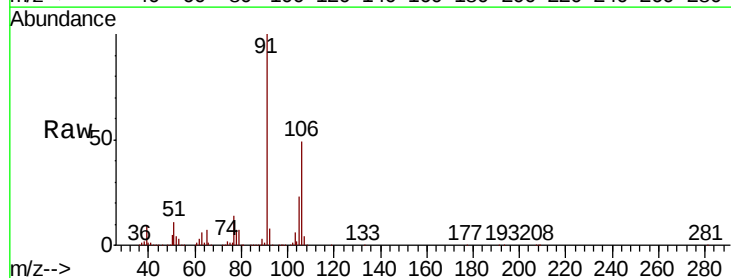
Instrument :
MSVOA_N
ClientSampled :

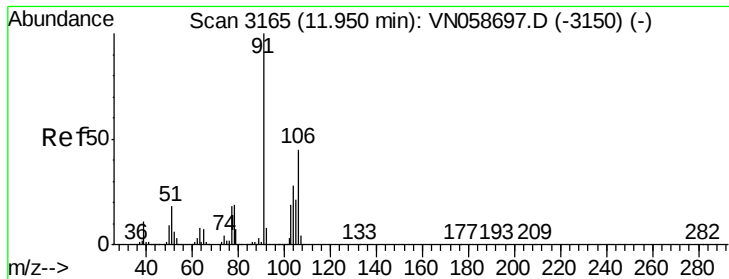
Tot Ion: 91 Resp: 1429938
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1



#68
m/p-Xylenes
Concen: 101.478 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 106 Resp: 1063094
Ion Ratio Lower Upper
106 100
91 206.8 165.7 248.5

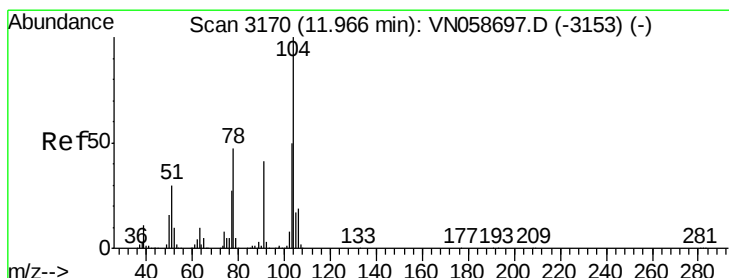
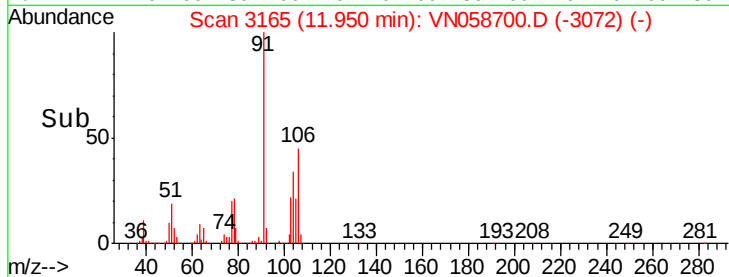
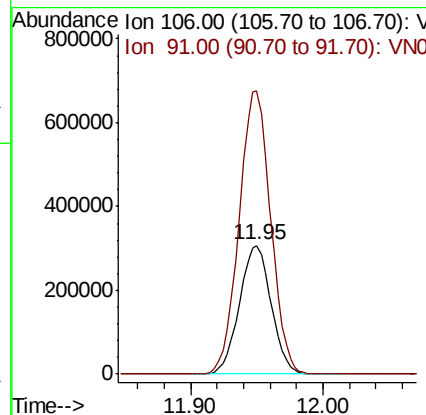
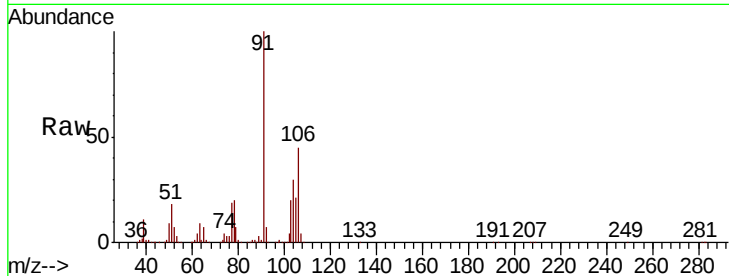




#69
o-Xylene
Concen: 50.222 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

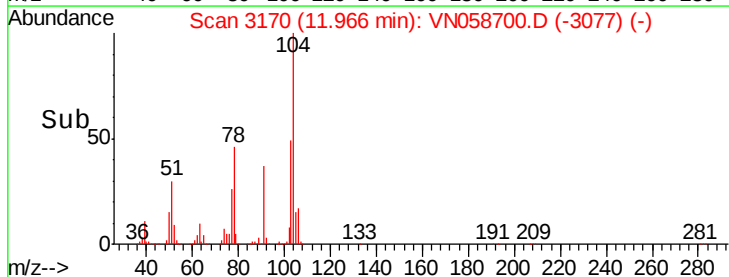
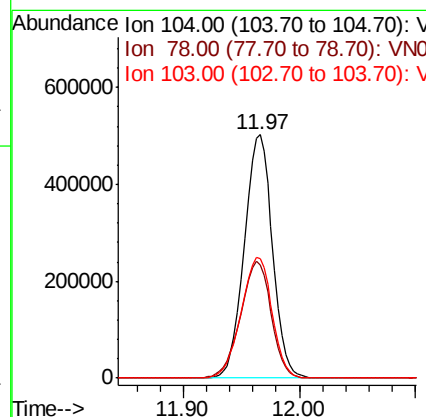
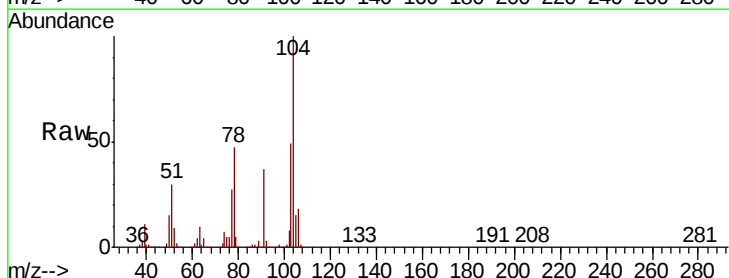
Instrument :
MSVOA_N
ClientSampled :

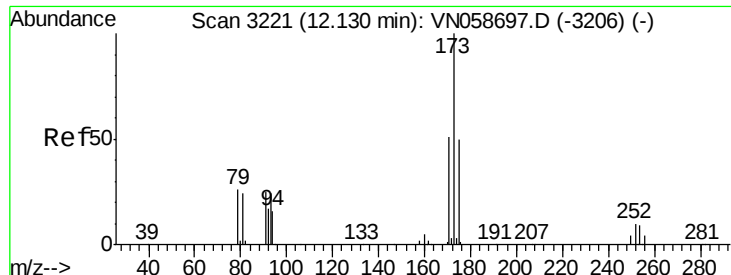
Tot Ion:106 Resp: 509037
Ion Ratio Lower Upper
106 100
91 219.1 110.9 332.9



#70
Styrene
Concen: 51.007 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion:104 Resp: 847357
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.2
103 54.6 43.7 65.5

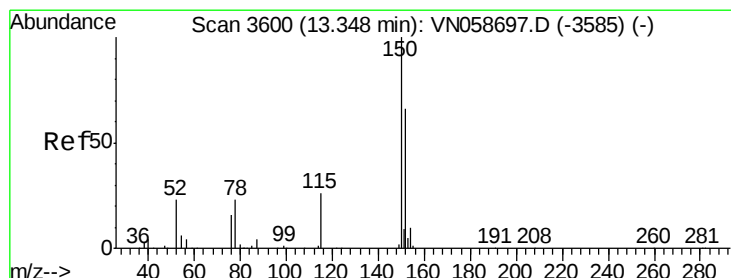
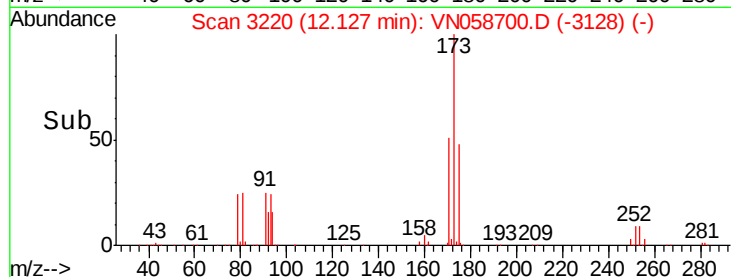
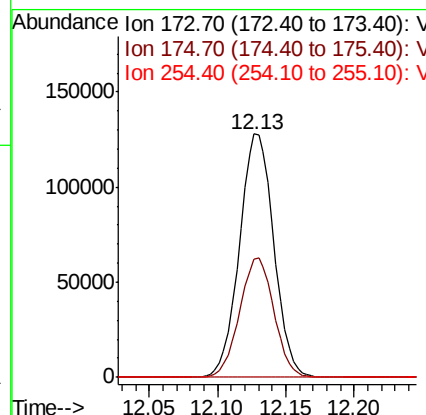
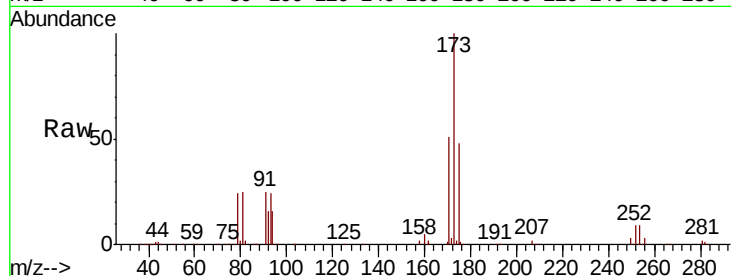




#71
Bromoform
Concen: 52.628 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

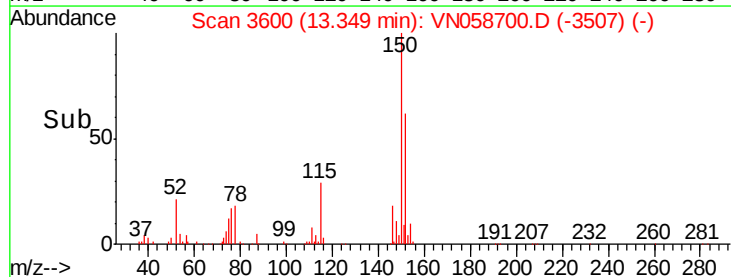
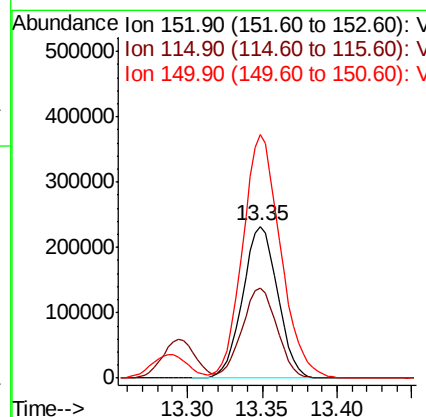
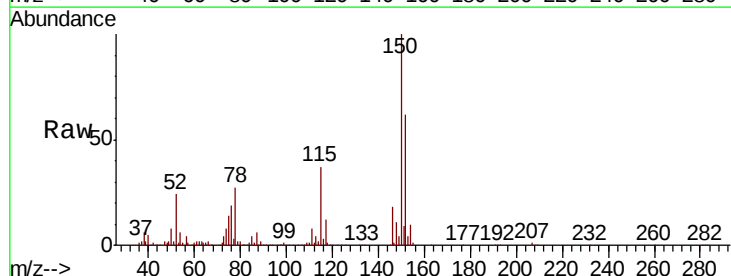
Instrument :
MSVOA_N
ClientSampleId :

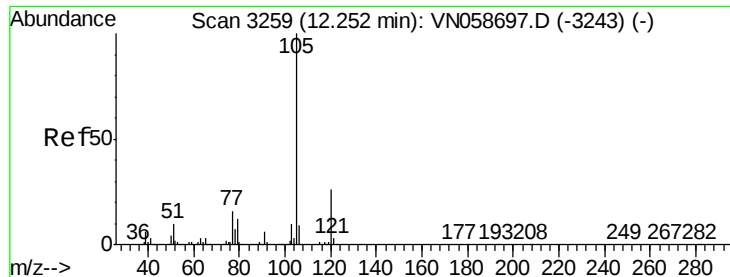
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.8
254	0.0	0.1	0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.4	91.2
150	173.4	0.0	345.4





#73

Isopropylbenzene

Concen: 51.019 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

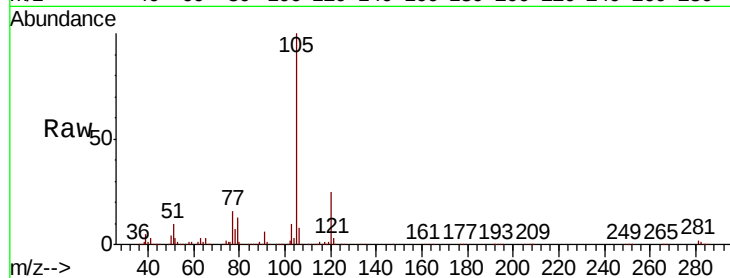
ClientSampleId :

Tot Ion:105 Resp: 1398493

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

600000

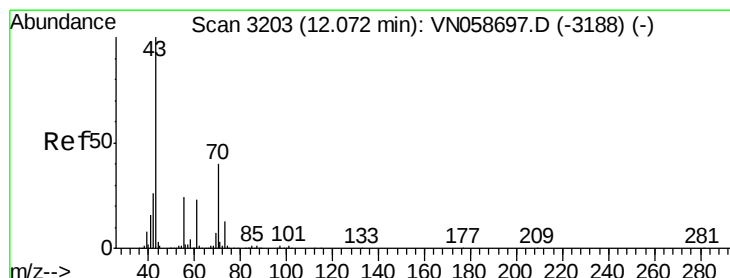
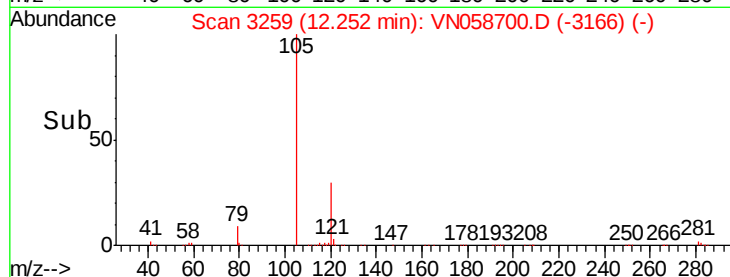
400000

200000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 53.897 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Tgt Ion: 43 Resp: 663553

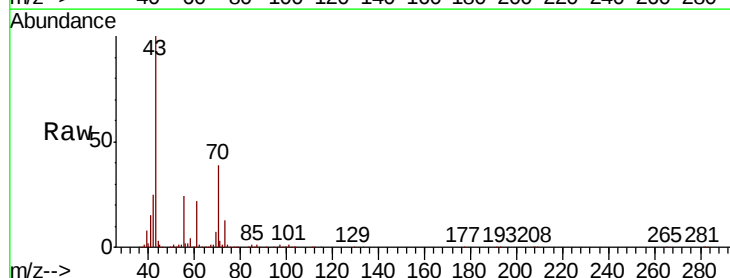
Ion Ratio Lower Upper

43 100

70 39.4 32.2 48.4

55 23.8 19.6 29.4

61 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

600000

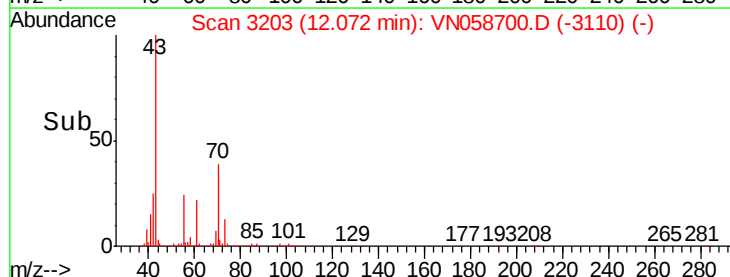
400000

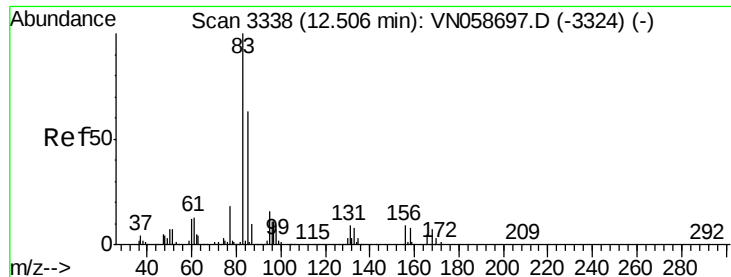
200000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 49.557 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

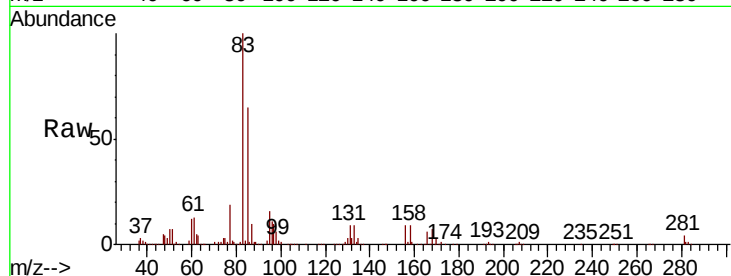
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 83 Resp: 447507

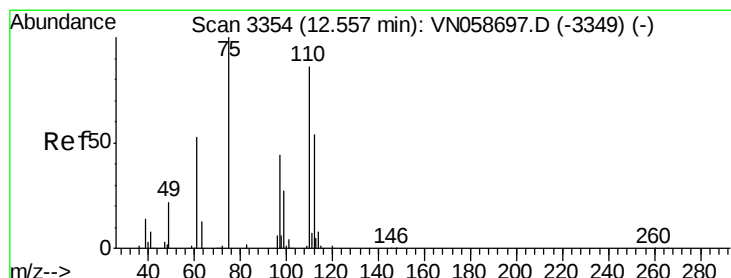
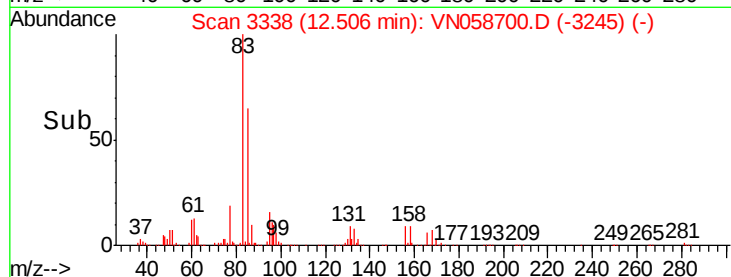
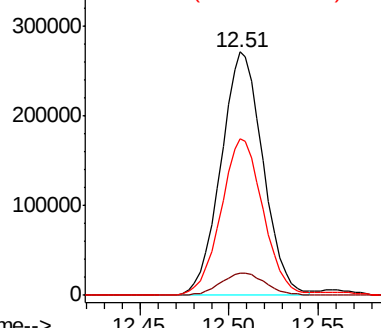
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.4
85	64.5	31.9	95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.185 ug/l

RT: 12.56 min Scan# 3354

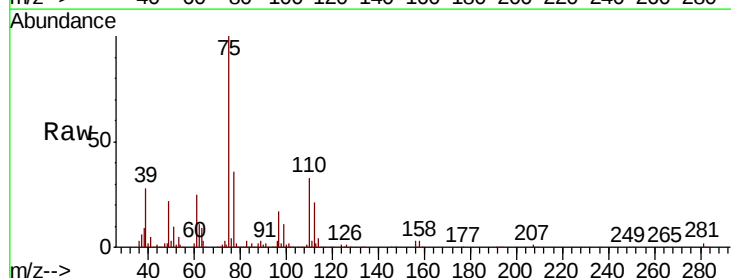
Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

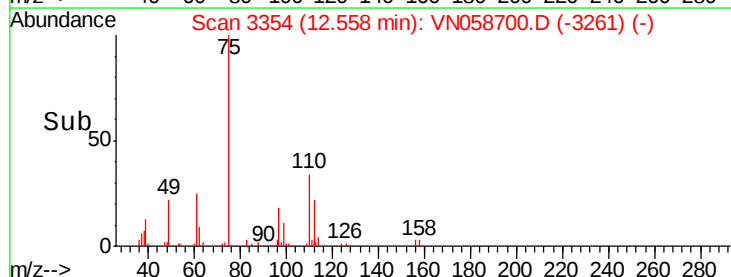
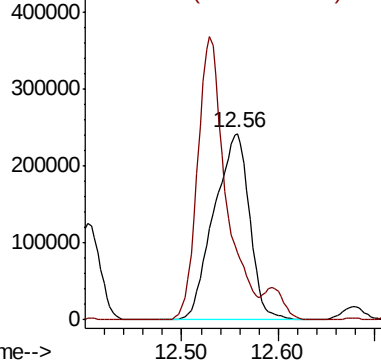
Tgt Ion: 75 Resp: 615971

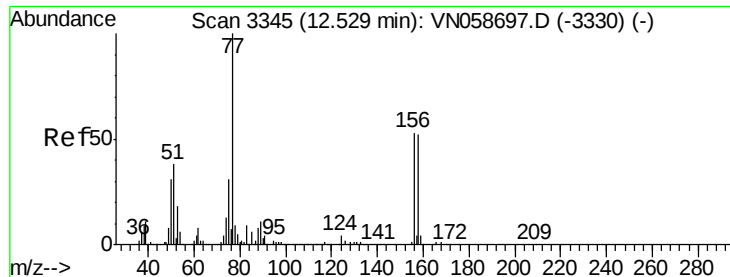
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.704 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

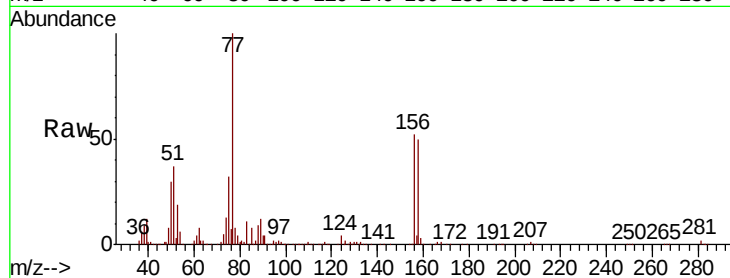
Tot Ion:156 Resp: 324726

Ion Ratio Lower Upper

156 100

77 231.7 115.8 347.3

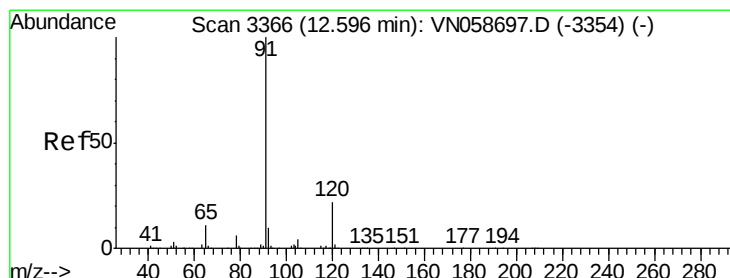
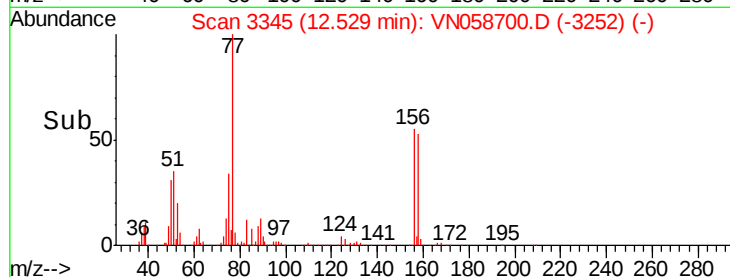
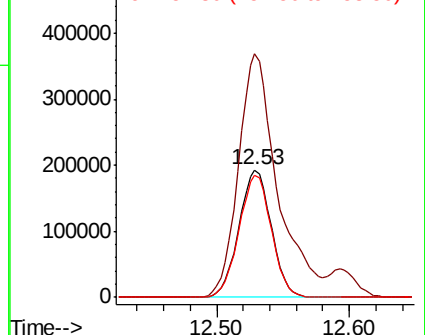
158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.777 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN058700.D

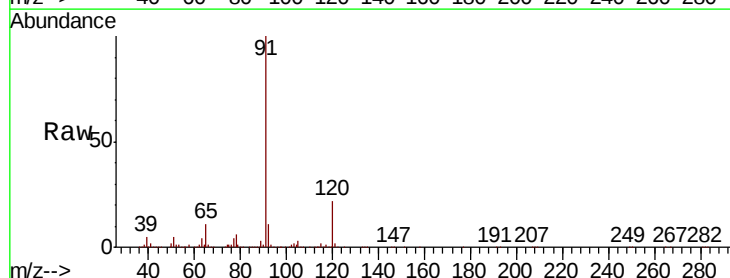
Acq: 11 Oct 2019 13:50

Tgt Ion: 91 Resp: 1653834

Ion Ratio Lower Upper

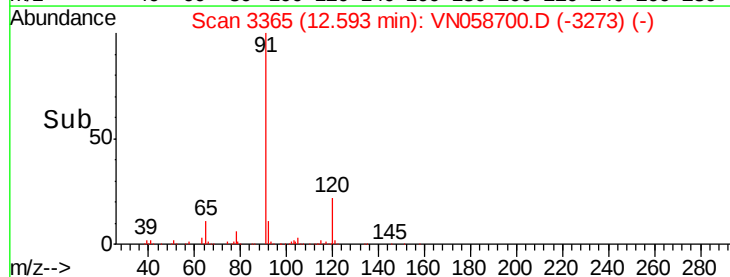
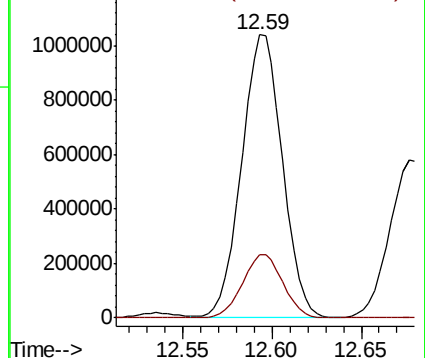
91 100

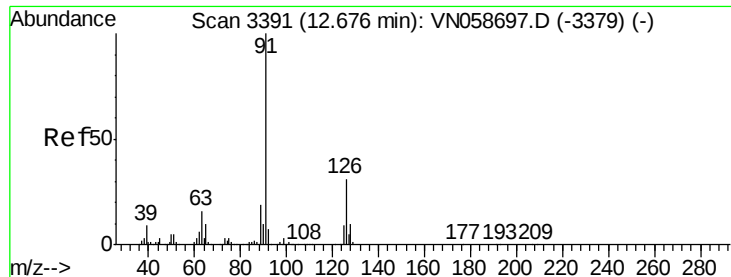
120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

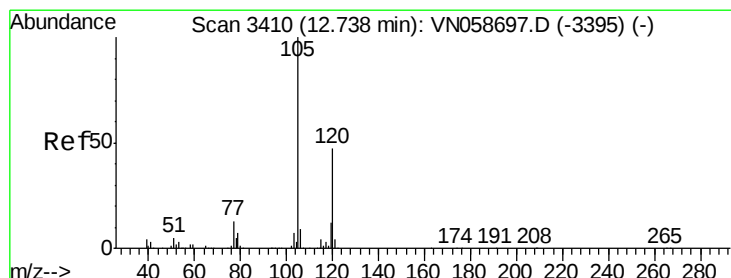
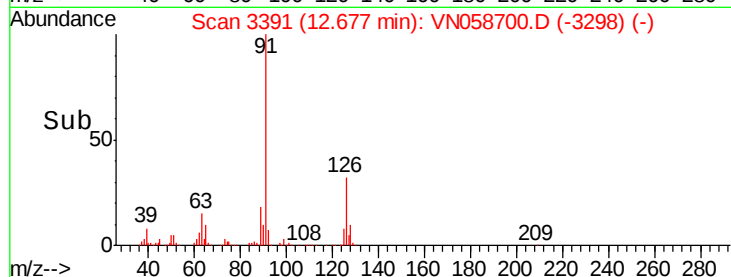
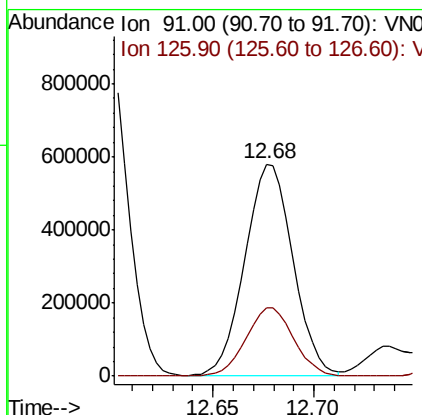
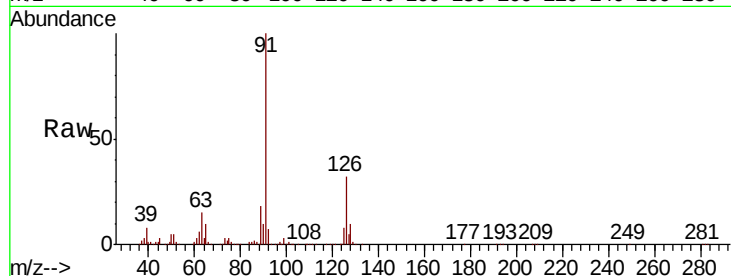




#79
2-Chlorotoluene
Concen: 48.576 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

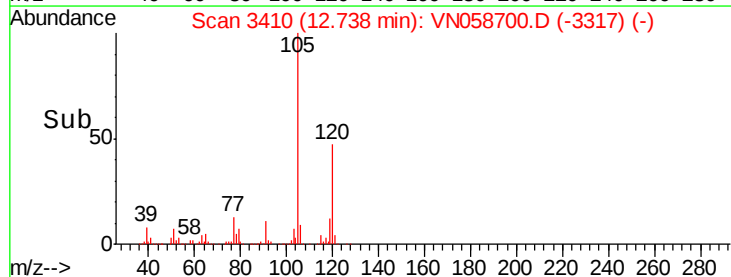
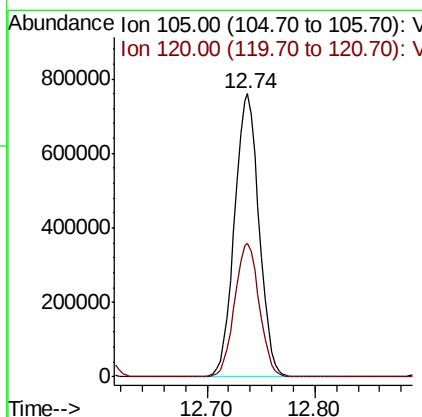
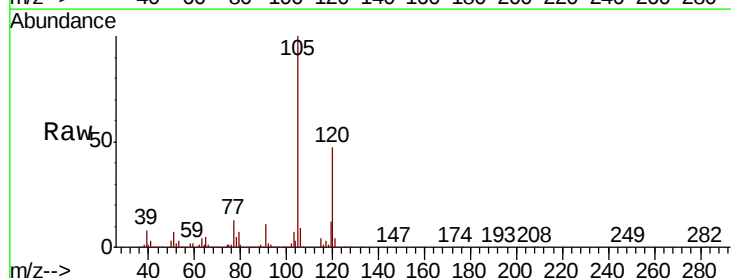
Instrument :
MSVOA_N
ClientSampled :

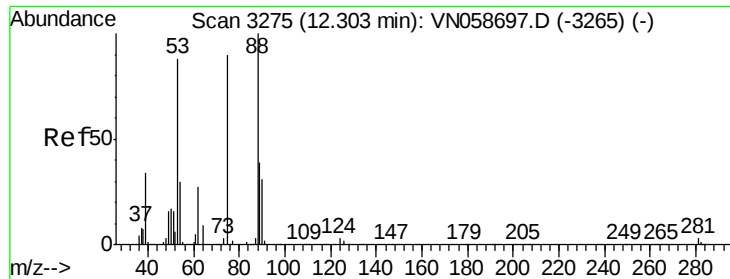
Tot Ion: 91 Resp: 963034
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 50.920 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 105 Resp: 1191643
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.2

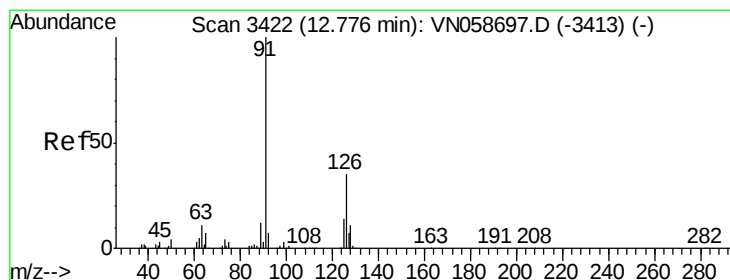
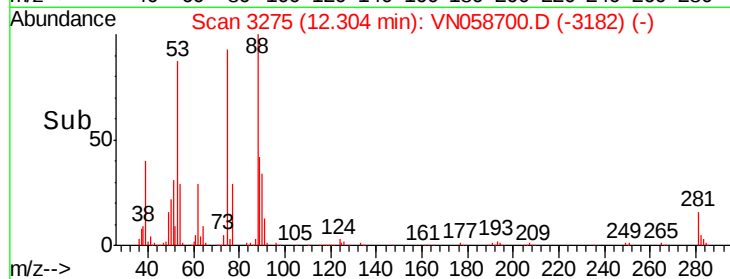
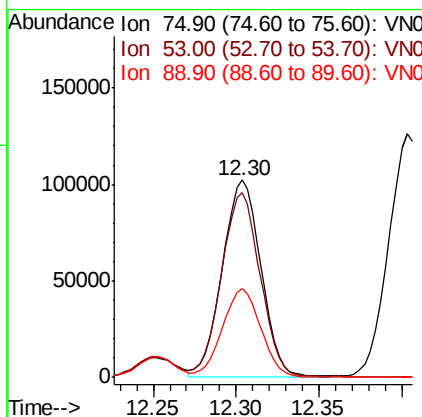
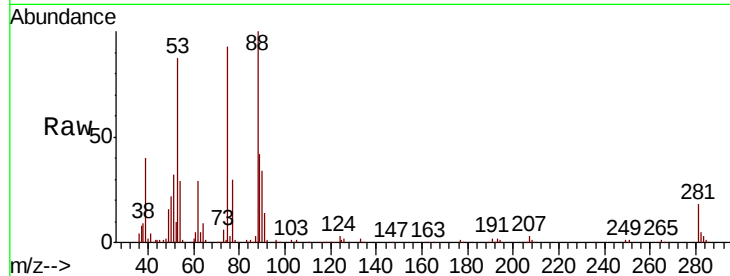




#81
trans-1,4-Dichloro-2-butene
Concen: 53.509 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

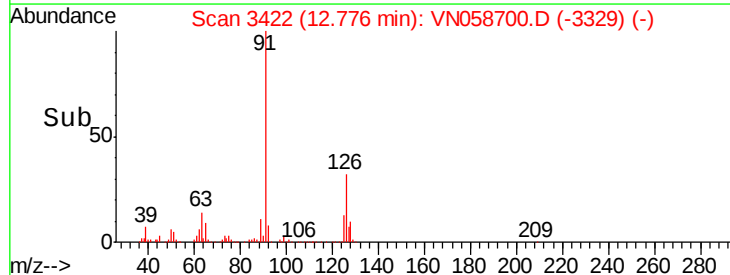
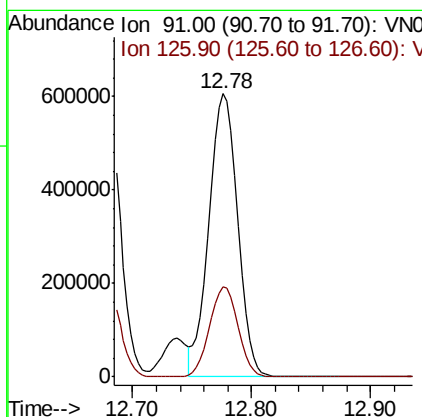
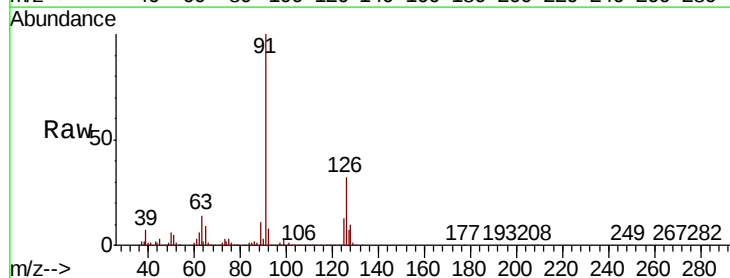
Instrument :
MSVOA_N
ClientSampleId :

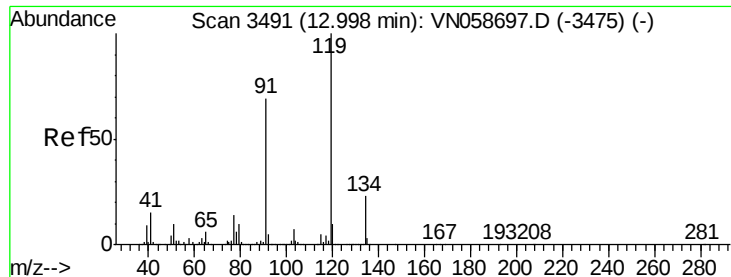
Tot Ion: 75 Resp: 165864
Ion Ratio Lower Upper
75 100
53 93.3 78.4 117.6
89 44.7 34.9 52.3



#82
4-Chlorotoluene
Concen: 49.765 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion: 91 Resp: 1012398
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.6

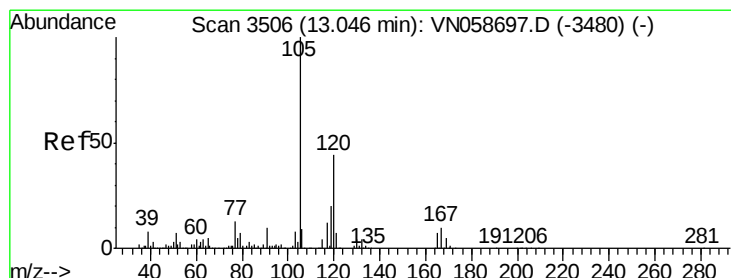
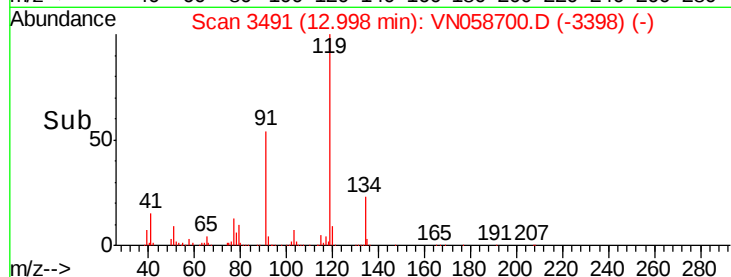
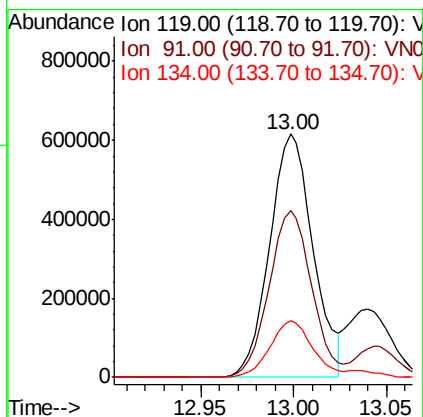
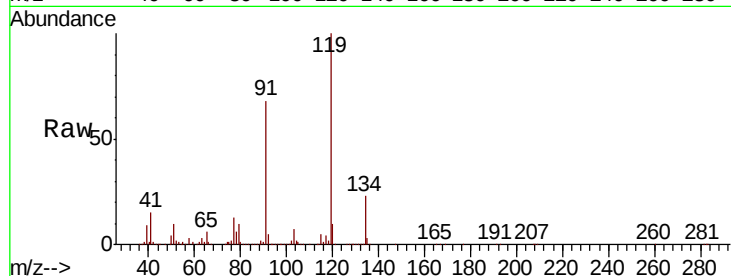




#83
tert-Butylbenzene
Concen: 50.314 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

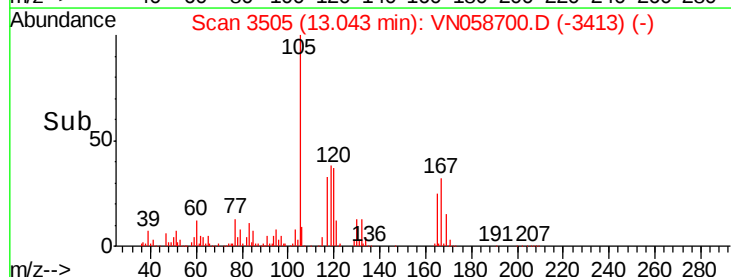
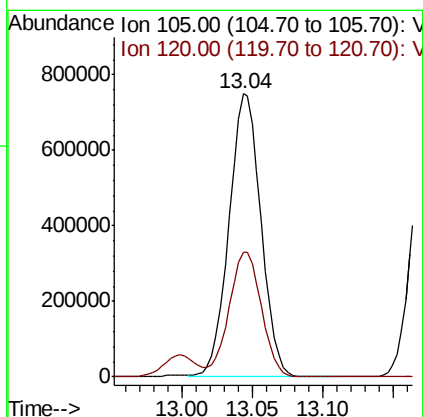
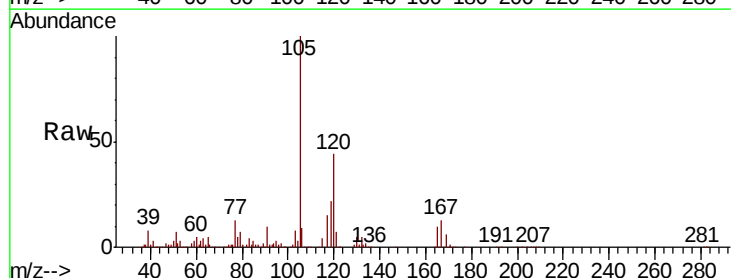
Instrument :
MSVOA_N
ClientSampleId :

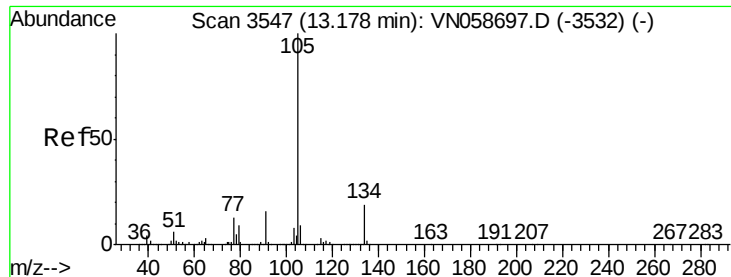
Tot Ion:119 Resp: 1008685
Ion Ratio Lower Upper
119 100
91 67.2 33.8 101.3
134 22.8 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 51.062 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN058700.D
Acq: 11 Oct 2019 13:50

Tgt Ion:105 Resp: 1186271
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.7





#85

sec-Butylbenzene

Concen: 51.734 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Instrument :

MSVOA_N

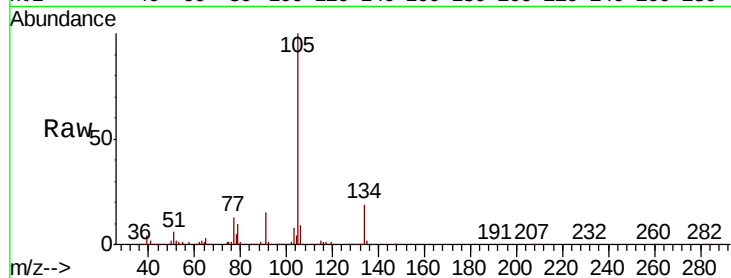
ClientSampleId :

Tot Ion:105 Resp: 1366628

Ion Ratio Lower Upper

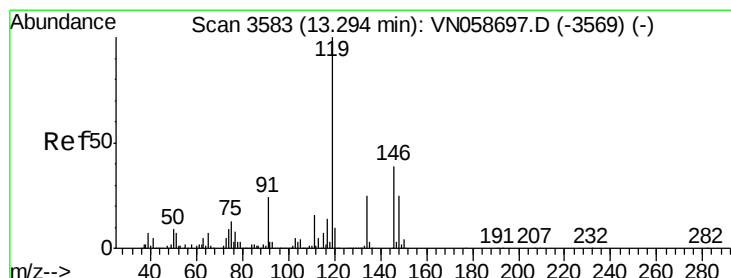
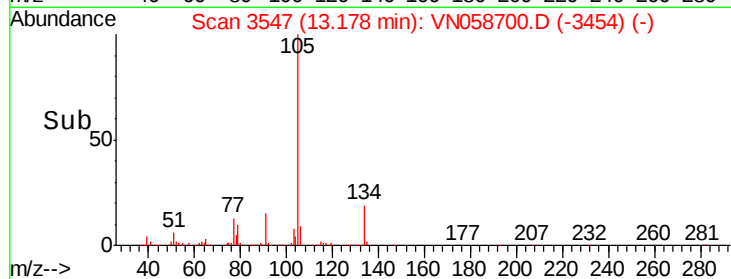
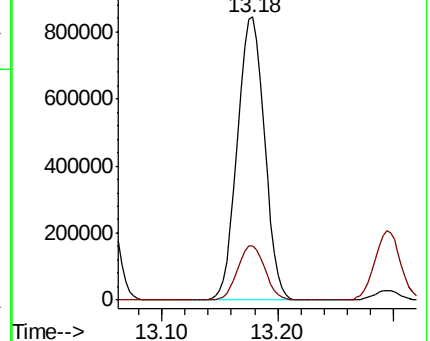
105 100

134 19.2 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: 51.748 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

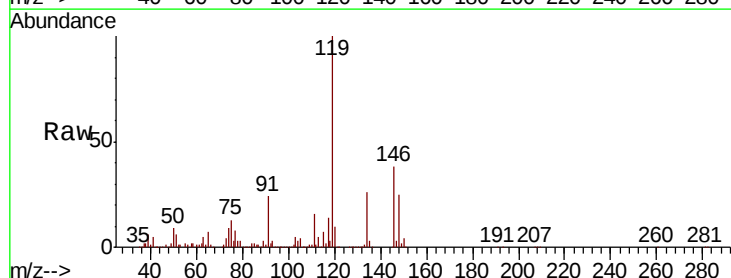
Tgt Ion:119 Resp: 1242422

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

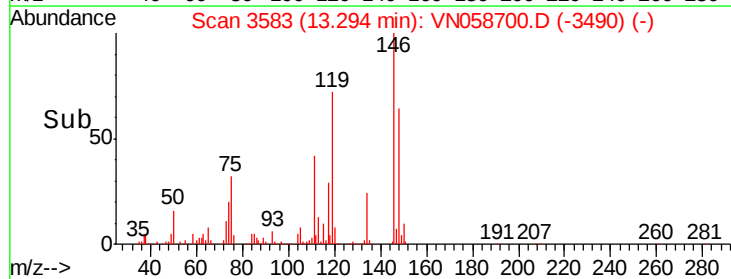
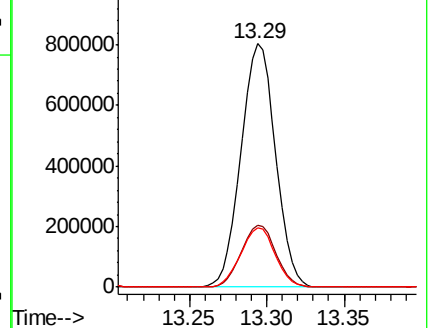
91 24.3 11.9 35.5

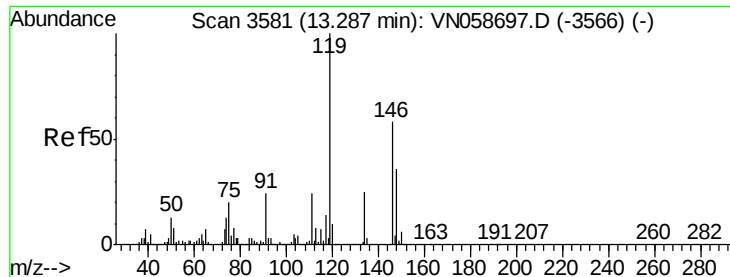


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

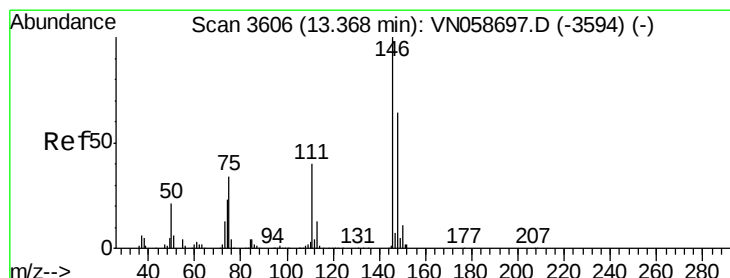
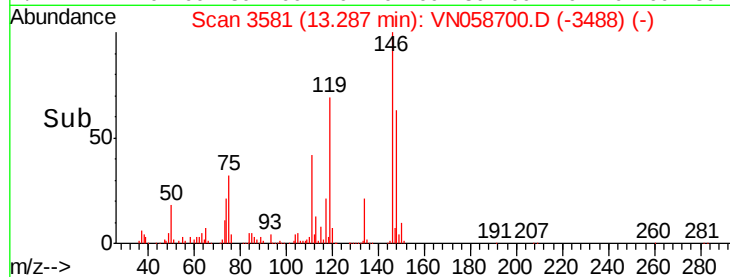
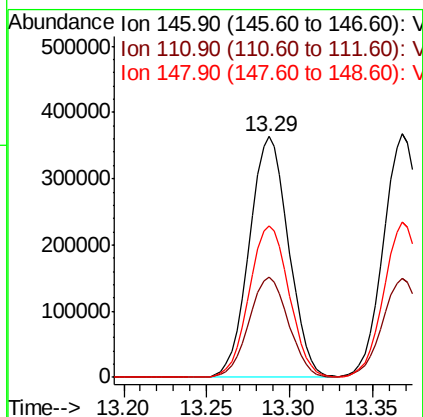
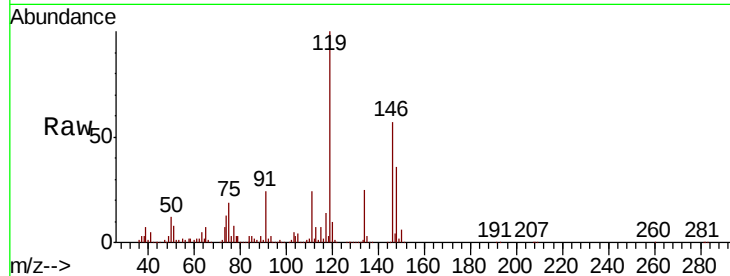




#87
 1,3-Dichlorobenzene
 Concen: 48.654 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

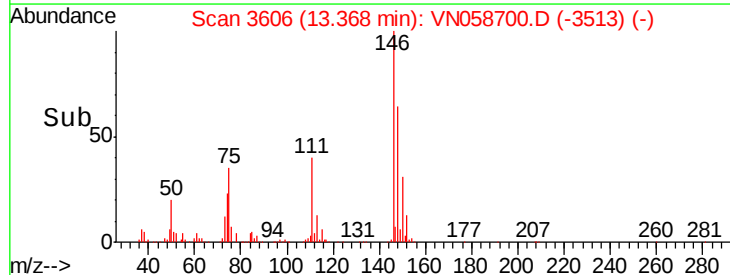
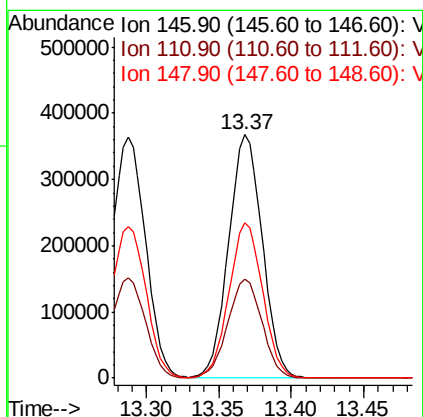
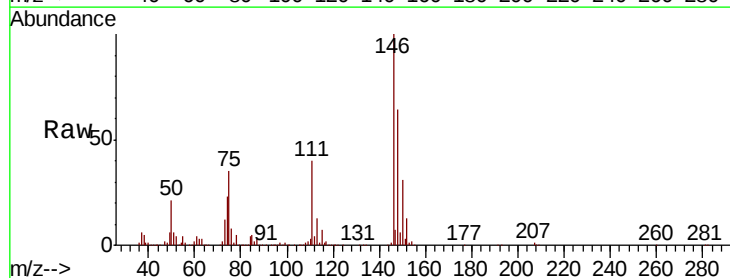
Instrument :
 MSVOA_N
 ClientSampled :

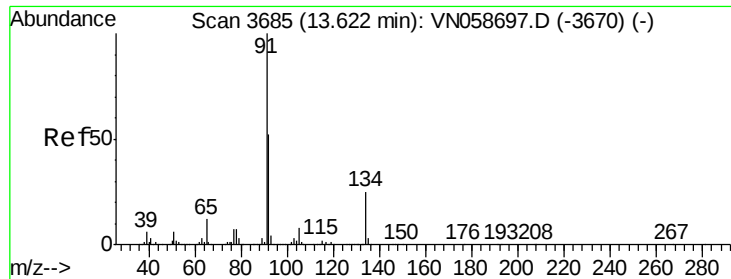
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	64.0	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 47.492 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.1	60.2
148	63.4	31.9	95.7





#89

n-Butylbenzene

Concen: 51.514 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

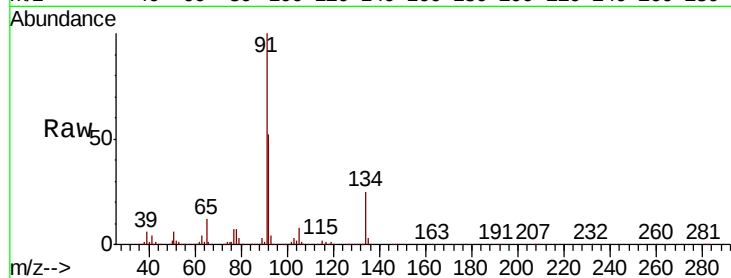
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 91 Resp: 1143616

Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	24.7	12.2	36.6

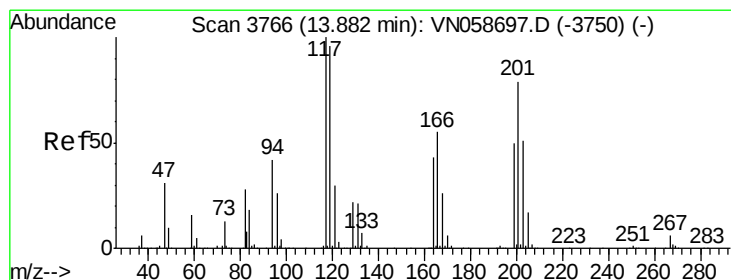
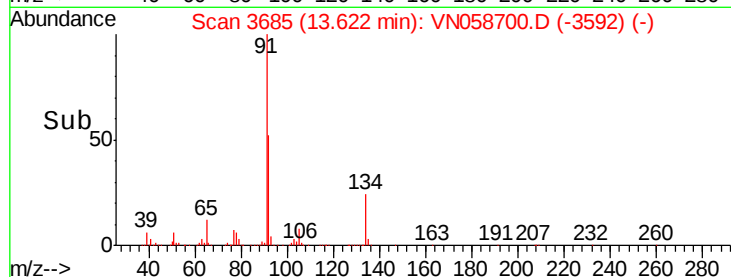
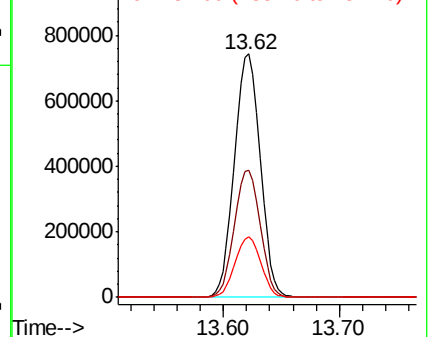


Abundance

Ion 91.00 (90.70 to 91.70): VN058697.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN058697.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN058697.D (-3670) (-)



#90

Hexachloroethane

Concen: 50.401 ug/l

RT: 13.88 min Scan# 3765

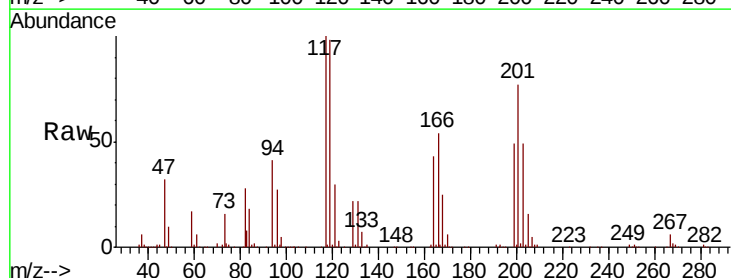
Delta R.T. -0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Tgt Ion: 117 Resp: 216519

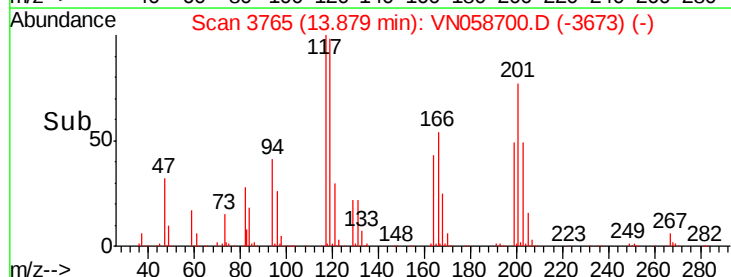
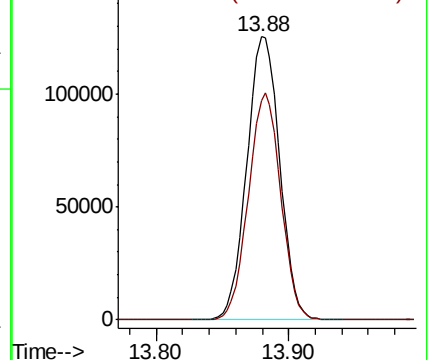
Ion	Ratio	Lower	Upper
117	100		
201	78.6	39.6	118.7

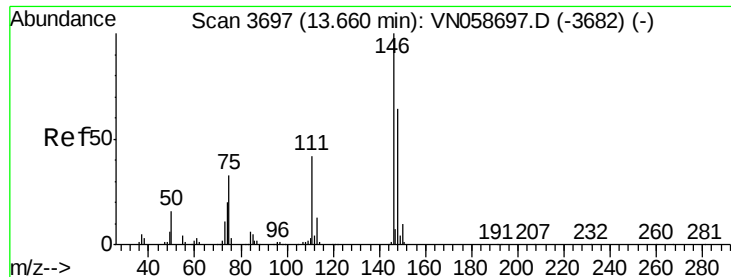


Abundance

Ion 116.80 (116.50 to 117.50): VN058697.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN058697.D (-3750) (-)

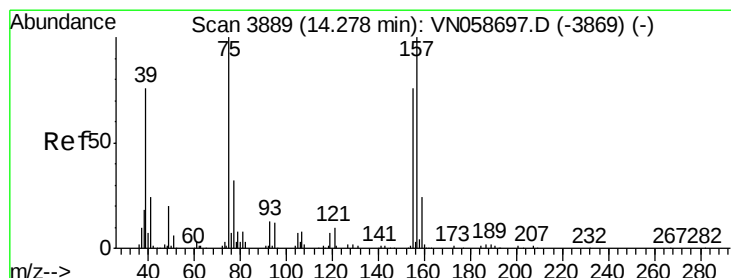
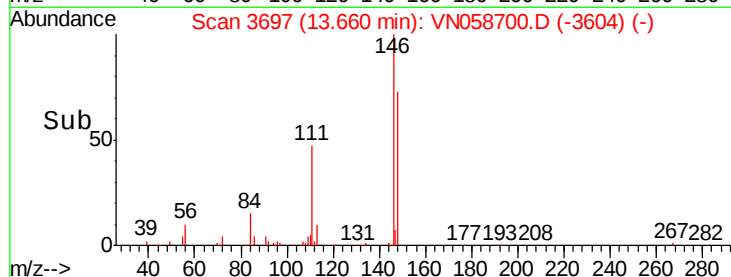
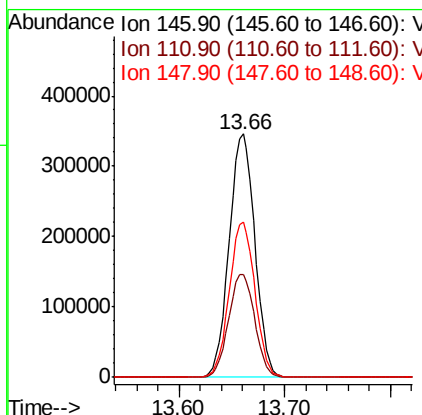
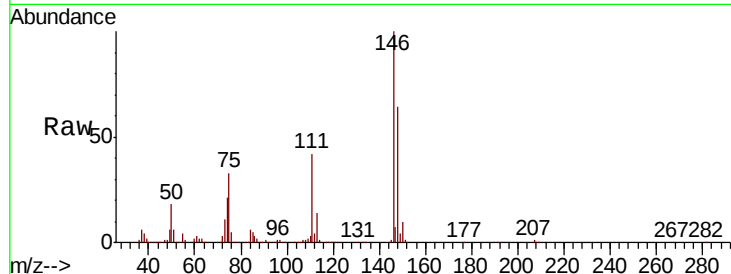




#91
 1,2-Dichlorobenzene
 Concen: 48.620 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

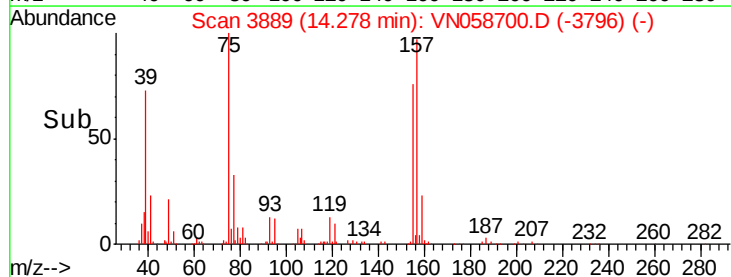
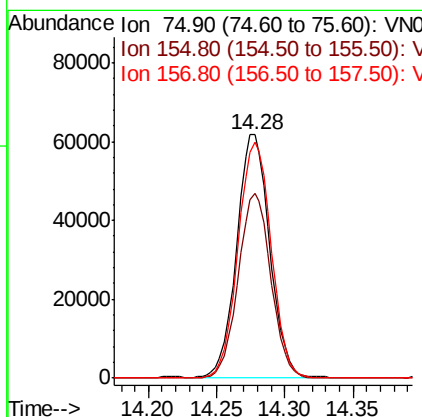
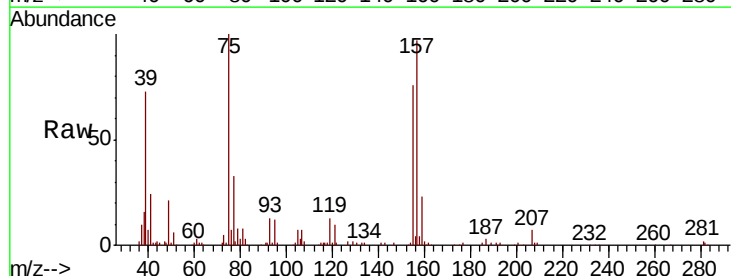
Instrument :
 MSVOA_N
 ClientSampleId :

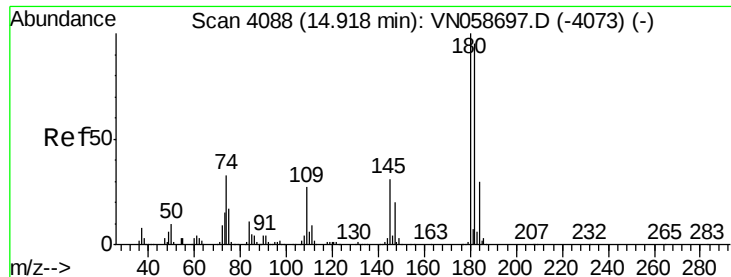
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.4
148	63.8	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.764 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.4	37.9	113.6
157	98.1	49.4	148.2

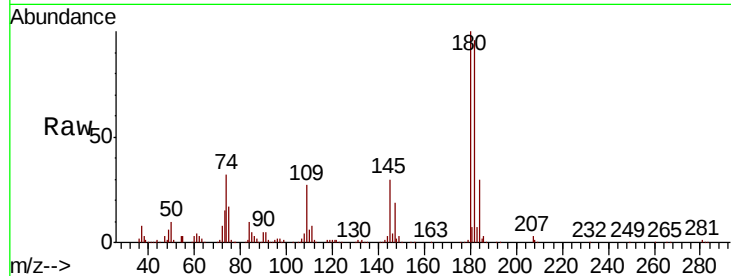




#93
 1,2,4-Trichlorobenzene
 Concen: 50.266 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.2
145	30.1	15.4	46.2

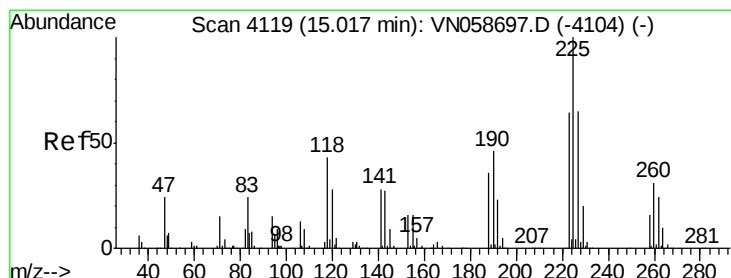
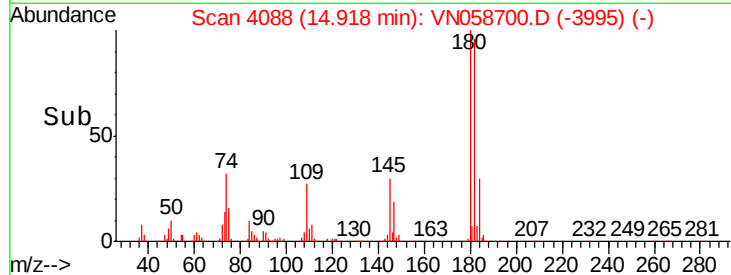
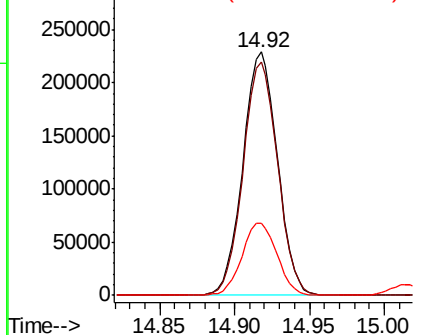


Abundance

Ion 179.80 (179.50 to 180.50): V

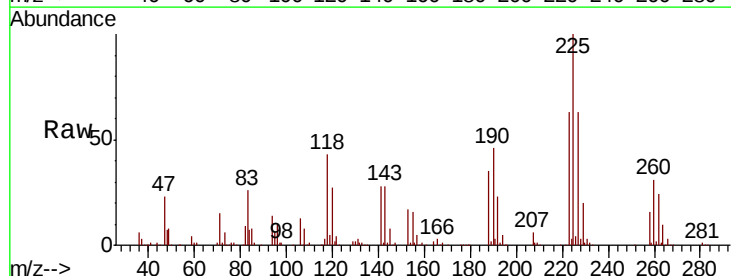
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.169 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058700.D
 Acq: 11 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.3	96.8
227	63.7	32.4	97.0

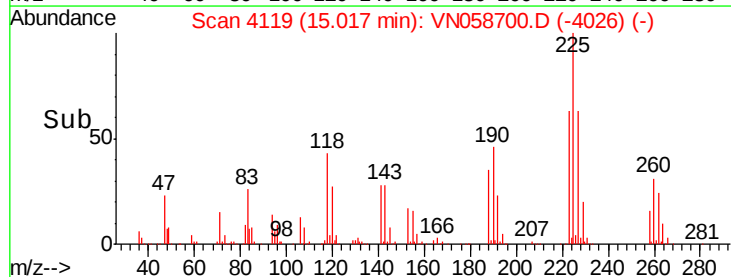
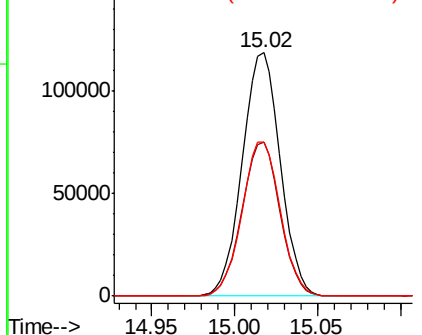


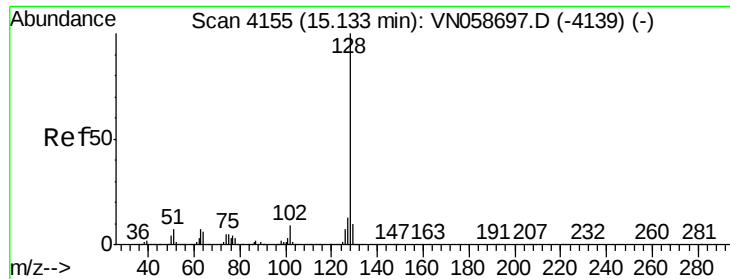
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.877 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

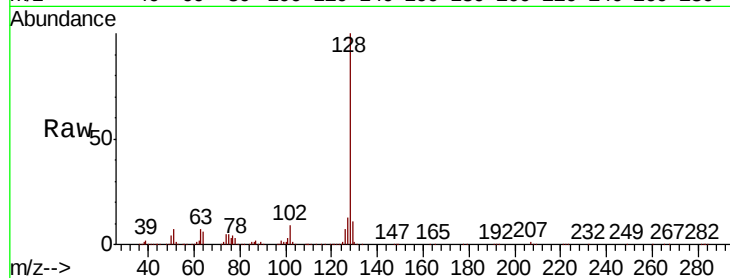
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1110936

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.5	12.7

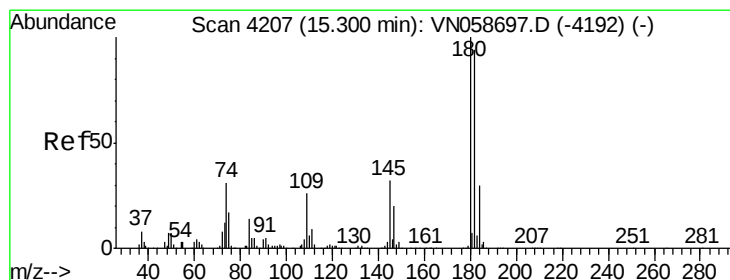
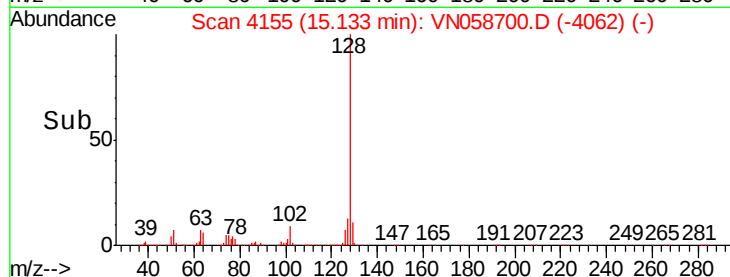
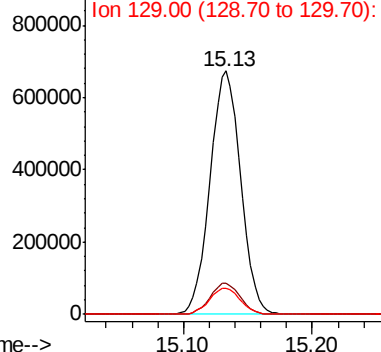


Abundance

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: 49.877 ug/l

RT: 15.30 min Scan# 4207

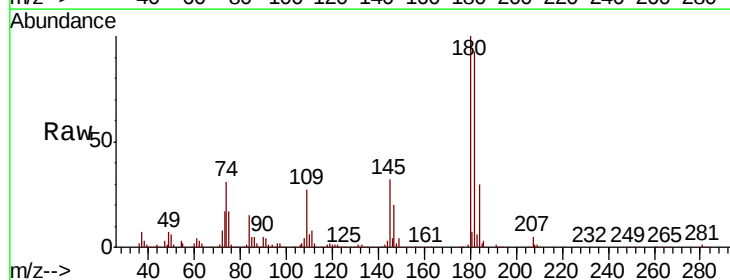
Delta R.T. 0.00 min

Lab File: VN058700.D

Acq: 11 Oct 2019 13:50

Tgt Ion:180 Resp: 355985

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	142.0
145	32.4	16.2	48.6



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

