

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102319\
 Data File : VN058906.D
 Acq On : 22 Oct 2019 14:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 01:20:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	53612	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	285119	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	268475	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	145792	32.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.80%
60) 4-Bromofluorobenzene	12.40	95	137554	29.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.63%
63) Toluene-d8	10.08	98	396536	31.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	65538	22.562	ug/l 96
3) Chloromethane	2.04	50	84218	21.705	ug/l 99
4) Vinyl Chloride	2.17	62	83272	20.765	ug/l 98
5) Bromomethane	2.55	94	53537	21.622	ug/l 98
6) Chloroethane	2.69	64	55451	21.998	ug/l 98
7) Trichlorofluoromethane	3.00	101	112186	22.728	ug/l 96
8) Diethyl Ether	3.39	74	38849	20.636	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	63340	22.177	ug/l 100
10) 1,1-Dichloroethene	3.72	96	57586	20.529	ug/l 98
11) Methyl Iodide	3.93	142	78254	20.032	ug/l 98
12) Methyl Acetate	4.30	43	88855	19.799	ug/l 99
13) Acrolein	3.58	56	49511	99.845	ug/l 96
14) Acrylonitrile	4.96	53	179460	101.484	ug/l 97
15) Acetone	3.79	58	86177	164.173	ug/l 93
16) Carbon Disulfide	4.03	76	171987	21.021	ug/l 100
17) Allyl chloride	4.30	41	110569	19.804	ug/l 98
18) Methylene Chloride	4.53	84	73148	21.535	ug/l 98
19) trans-1,2-Dichloroethene	5.01	96	64213	21.028	ug/l 89
20) Diisopropyl ether	5.92	45	239273	21.035	ug/l 98
21) 1,1-Dichloroethane	5.82	63	136696	21.701	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	73760	20.258	ug/l 97
23) tert-Butyl Alcohol	4.75	59	64828	89.627	ug/l # 100
24) Methyl tert-Butyl Ether	5.01	73	203900	19.485	ug/l 99
25) Chloroform	7.35	83	135207	21.522	ug/l 96
26) Cyclohexane	7.64	56	106286	19.224	ug/l # 97
29) 1,1-Dichloropropene	7.77	75	97209	21.659	ug/l 100
30) 2-Butanone	6.81	43	304258	119.963	ug/l 99
31) 2,2-Dichloropropane	6.80	77	117965	22.300	ug/l # 79
32) 1,1,1-Trichloroethane	7.55	97	112739	21.718	ug/l 97
33) Carbon Tetrachloride	7.75	117	99869	22.227	ug/l 98
34) Benzene	8.02	78	288317	21.820	ug/l 98
35) Methacrylonitrile	7.15	41	42451	18.947	ug/l 89
36) 1,2-Dichloroethane	8.11	62	114193	22.604	ug/l 99
37) Trichloroethene	8.82	130	69228	21.326	ug/l 98
38) Methylcyclohexane	9.07	83	100500	19.313	ug/l 96
39) 1,2-Dichloropropane	9.11	63	79501	22.016	ug/l 99
40) Dibromomethane	9.20	93	51078	22.407	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102319\
 Data File : VN058906.D
 Acq On : 22 Oct 2019 14:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 01:20:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	104854	22.516	ug/l	99
42) Vinyl Acetate	5.87	43	966172	108.771	ug/l	99
43) Ethyl Acetate	6.91	43	103650	20.821	ug/l	98
44) Isopropyl Acetate	8.15	43	161226	19.994	ug/l #	88
45) 1,4-Dioxane	9.19	88	24105	389.310	ug/l	97
46) Methyl methacrylate	9.19	41	74007	19.992	ug/l	96
47) n-amyl Acetate	12.07	43	131927	18.456	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	112707	20.868	ug/l	97
49) cis-1,3-Dichloropropene	9.83	75	121465	21.417	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	72387	22.244	ug/l	98
51) Ethyl methacrylate	10.42	69	97355	18.709	ug/l	98
52) 1,3-Dichloropropane	10.70	76	124192	21.430	ug/l	100
53) Dibromochloromethane	10.90	129	76432	21.886	ug/l	99
54) 1,2-Dibromoethane	11.00	107	71797	21.286	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	242375	93.640	ug/l	100
56) Bromoform	12.13	173	51791	21.288	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	516611	105.480	ug/l	98
59) 2-Hexanone	10.75	43	419976	109.379	ug/l	98
61) Tetrachloroethene	10.63	164	63139	21.763	ug/l	96
62) Toluene	10.15	91	306237	21.205	ug/l	99
64) Chlorobenzene	11.43	112	182406	20.659	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	69661	21.041	ug/l	99
66) Ethyl Benzene	11.51	91	323156	20.209	ug/l	100
67) m/p-Xylenes	11.62	106	243060	40.685	ug/l	98
68) o-Xylene	11.95	106	113478	19.593	ug/l	99
69) Styrene	11.97	104	183328	19.160	ug/l	99
70) Isopropylbenzene	12.25	105	309500	19.793	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	108643	20.638	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	143572	30.099	ug/l	61
73) Bromobenzene	12.53	156	76855	20.235	ug/l	98
74) n-propylbenzene	12.59	91	377534	20.627	ug/l	100
75) 2-Chlorotoluene	12.68	91	227117	20.624	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	270579	20.204	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	34907	19.210	ug/l	94
78) 4-Chlorotoluene	12.78	91	231465	20.394	ug/l	100
79) tert-butylbenzene	13.00	119	225757	19.731	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	269744	20.269	ug/l	100
81) sec-Butylbenzene	13.17	105	306546	19.907	ug/l	100
82) p-Isopropyltoluene	13.29	119	272898	19.736	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	138466	20.147	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	134014	19.522	ug/l	100
85) n-Butylbenzene	13.62	91	233764	18.465	ug/l	99
86) Hexachloroethane	13.88	117	53301	21.181	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	138057	20.348	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	22603	19.291	ug/l	94
89) 1,2,4-Trichlorobenzene	14.92	180	71148	16.608	ug/l	100
90) Hexachlorobutadiene	15.01	225	42671	19.289	ug/l	100
91) Naphthalene	15.13	128	186125	14.715	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	71514	17.149	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102319\
Data File : VN058906.D
Acq On : 22 Oct 2019 14:11
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 23 01:20:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration

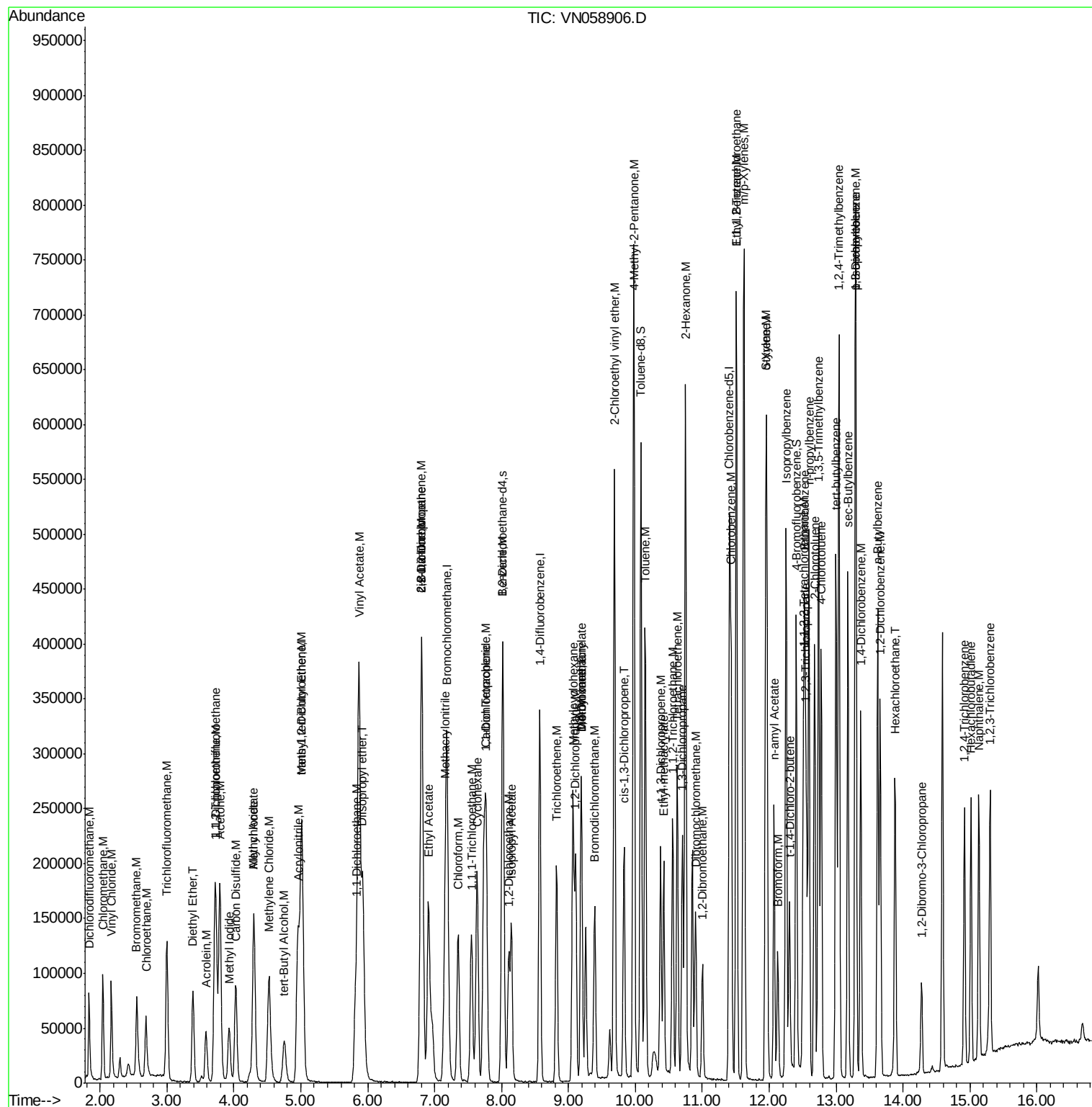
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

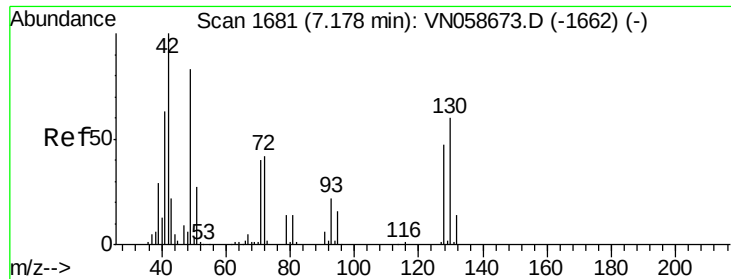
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102319\
 Data File : VN058906.D
 Acq On : 22 Oct 2019 14:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 01:20:21 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

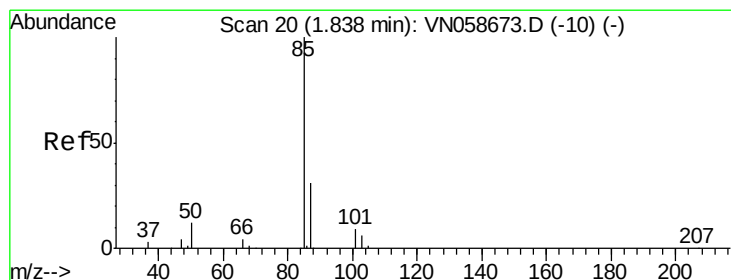
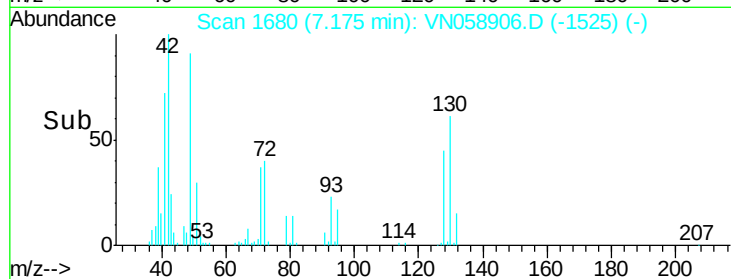
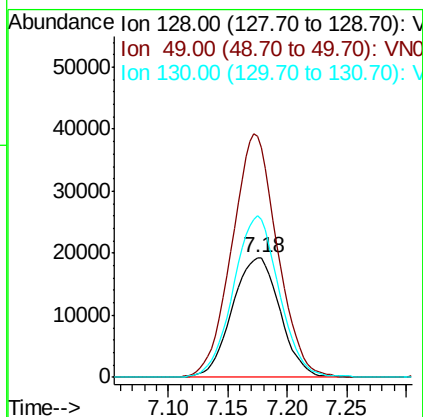
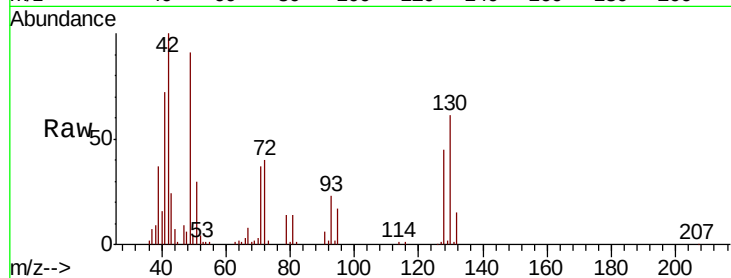




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

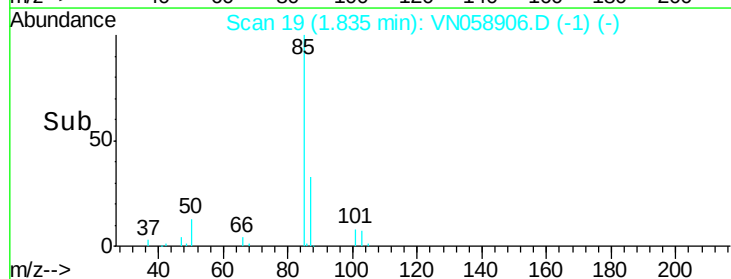
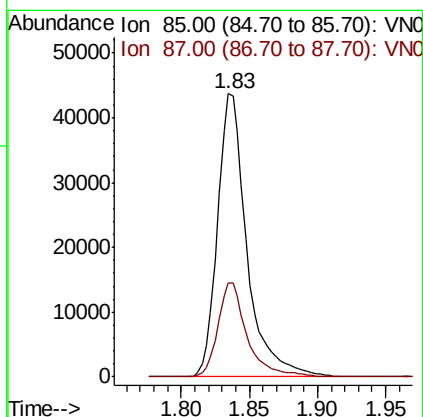
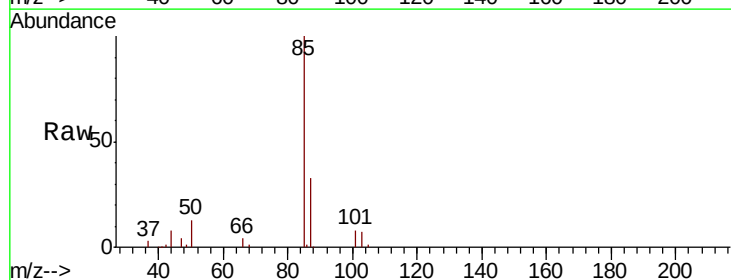
Instrument :
MSVOA_N
ClientSampled :

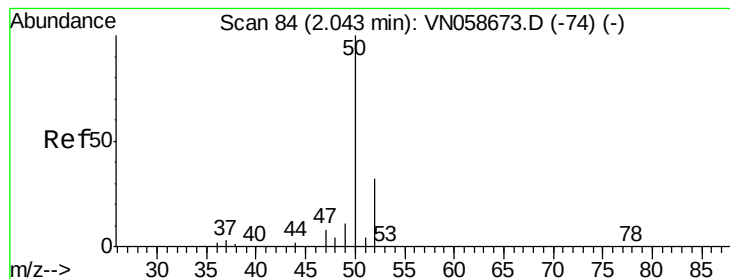
Tot Ion:128 Resp: 53612
Ion Ratio Lower Upper
128 100
49 192.9 0.0 453.5
130 129.0 0.0 314.2



#2
Dichlorodifluoromethane
Concen: 22.562 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 85 Resp: 65538
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





#3

Chloromethane

Concen: 21.705 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

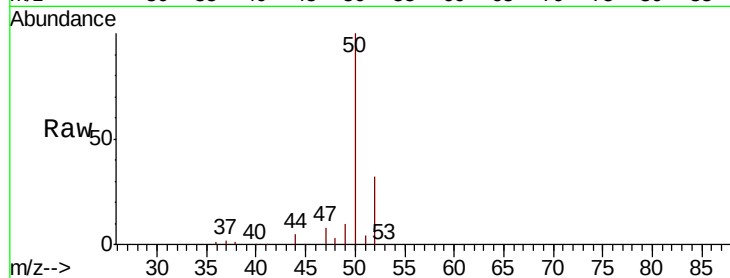
ClientSampleId :

Tot Ion: 50 Resp: 84218

Ion Ratio Lower Upper

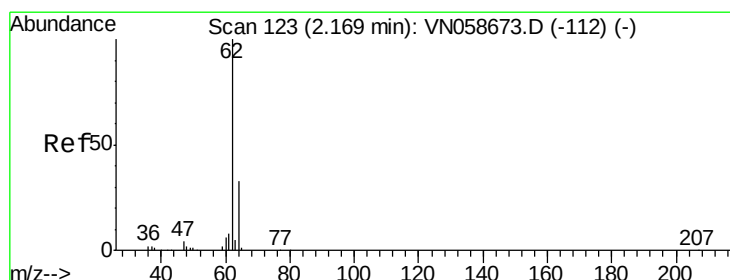
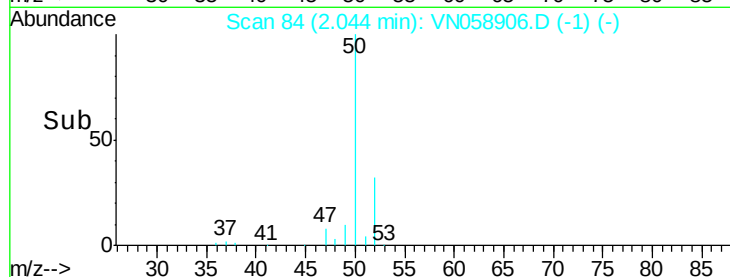
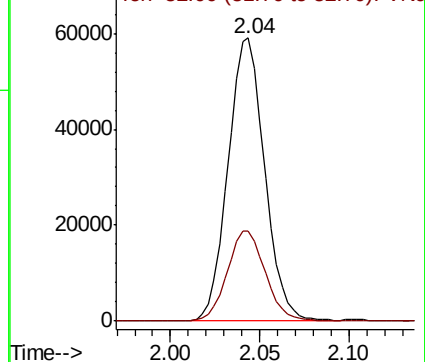
50 100

52 31.7 25.8 38.8



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.765 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058906.D

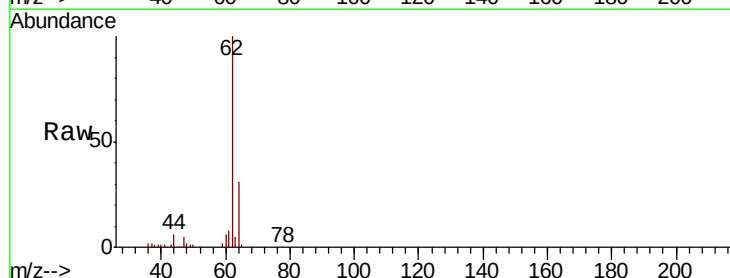
Acq: 22 Oct 2019 14:11

Tgt Ion: 62 Resp: 83272

Ion Ratio Lower Upper

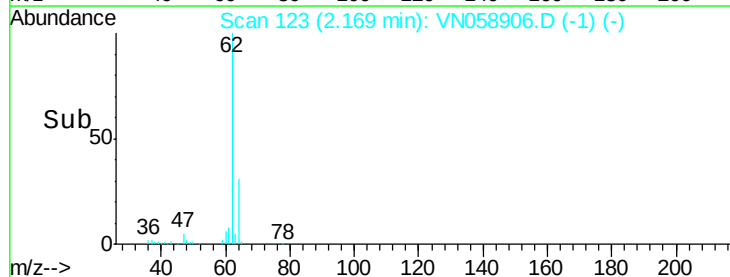
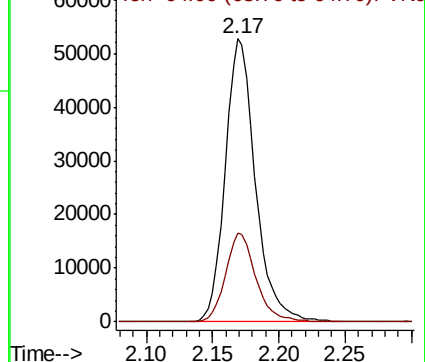
62 100

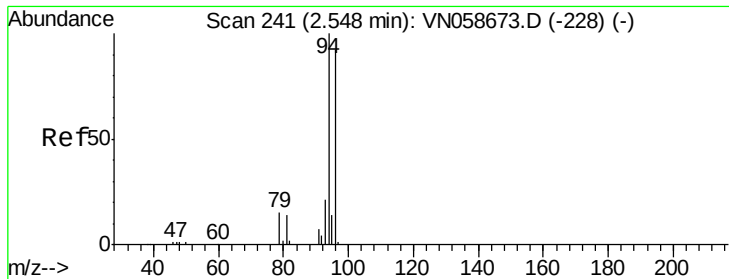
64 31.3 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 21.622 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

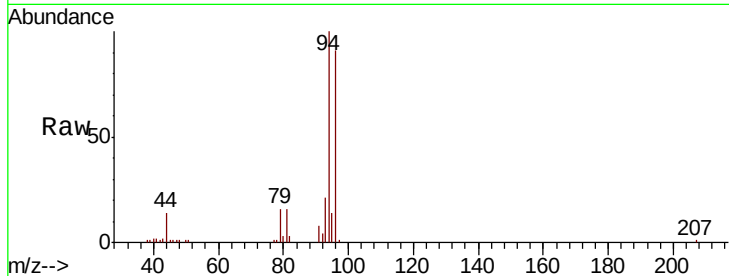
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 53537

Ion Ratio Lower Upper

94 100

96 90.4 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VN058906.D (-241) (-)

Ion 96.00 (95.70 to 96.70): VN058906.D (-241) (-)

2.55

25000

20000

15000

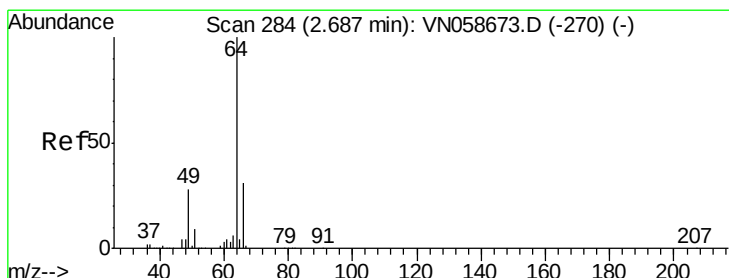
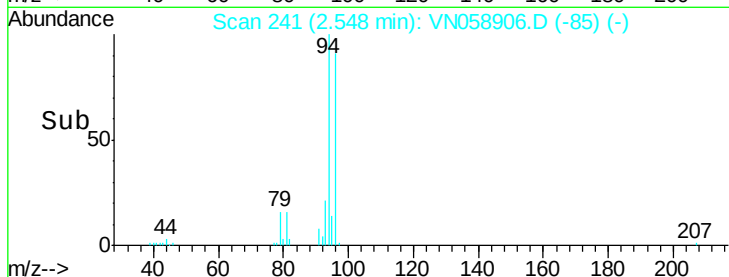
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 21.998 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058906.D

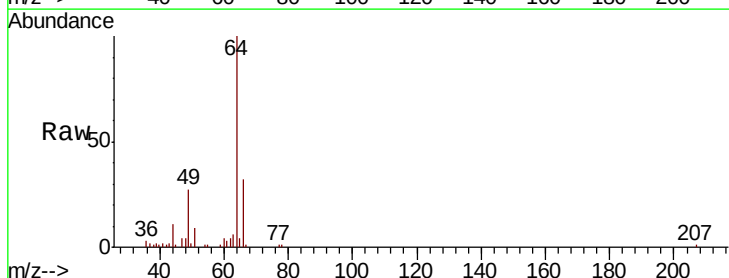
Acq: 22 Oct 2019 14:11

Tgt Ion: 64 Resp: 55451

Ion Ratio Lower Upper

64 100

66 31.8 24.6 36.8



Abundance Ion 64.00 (63.70 to 64.70): VN058906.D (-284) (-)

Ion 66.00 (65.70 to 66.70): VN058906.D (-284) (-)

2.69

30000

25000

20000

15000

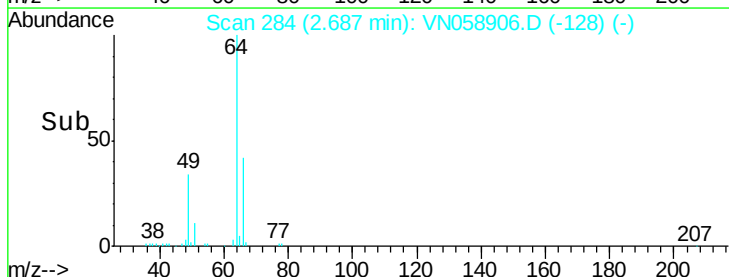
10000

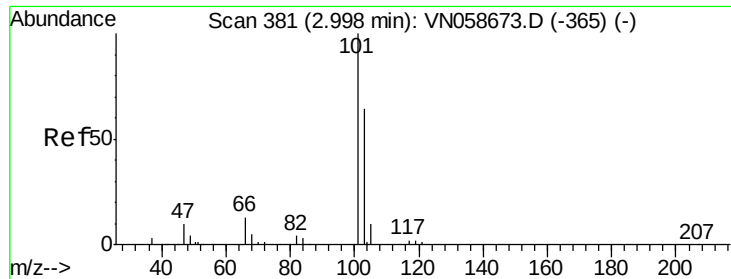
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



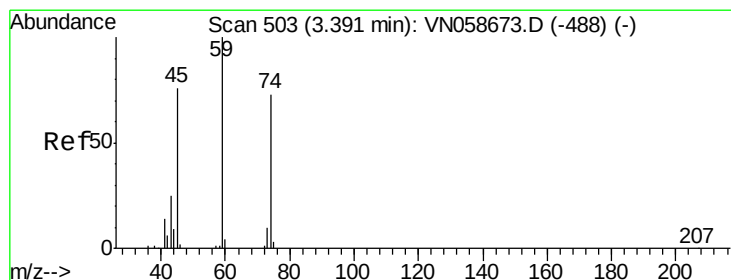
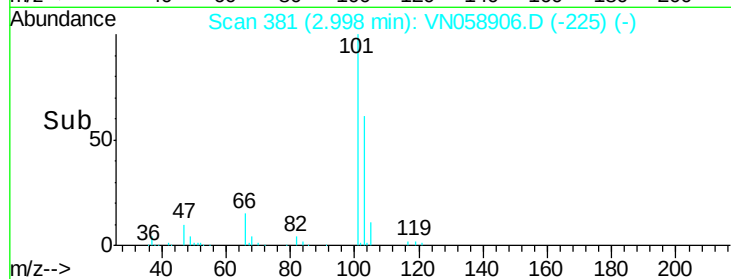
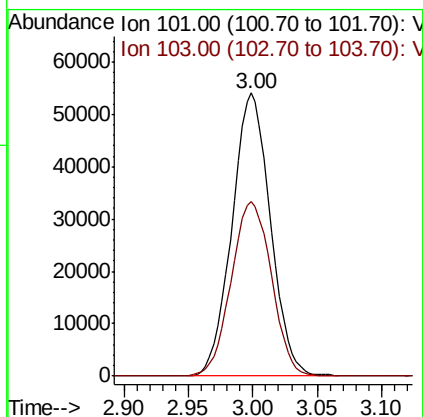
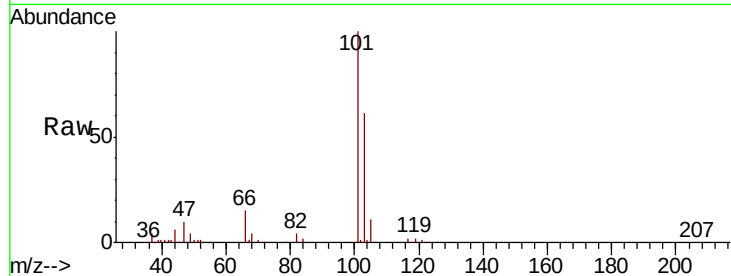


#7

Trichlorofluoromethane
 Concen: 22.728 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampled :

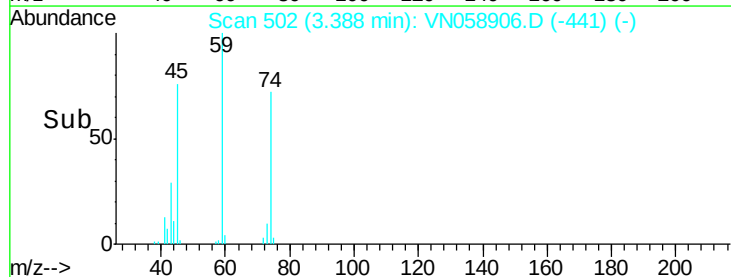
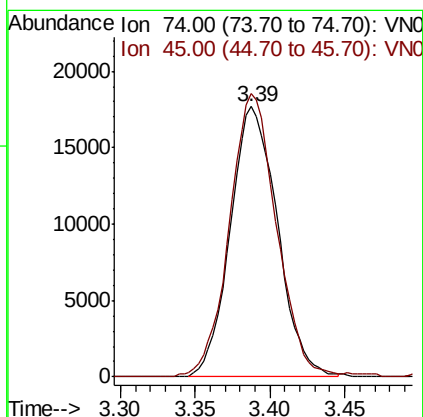
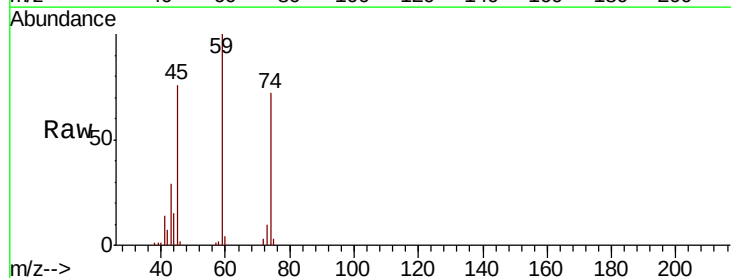
Tot Ion:101 Resp: 112186
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.5 77.3

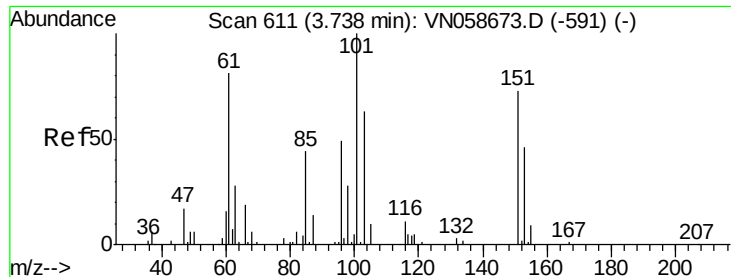


#8

Diethyl Ether
 Concen: 20.636 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion: 74 Resp: 38849
 Ion Ratio Lower Upper
 74 100
 45 104.6 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.177 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampled :

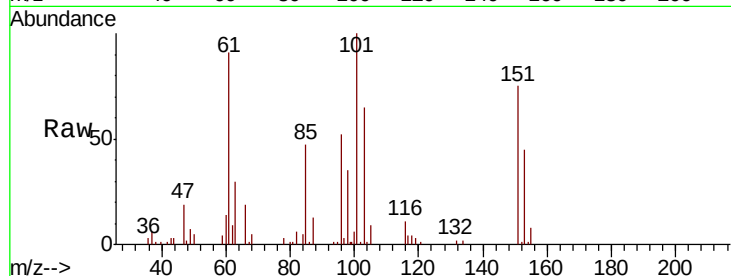
Tot Ion:101 Resp: 63340

Ion Ratio Lower Upper

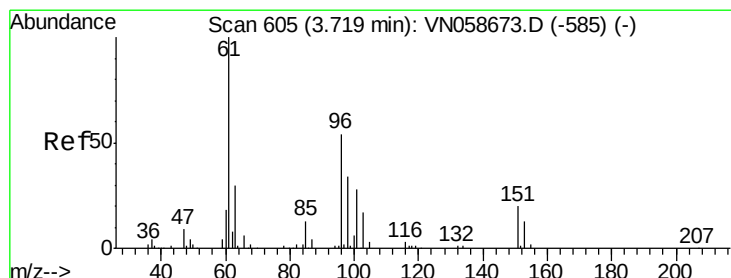
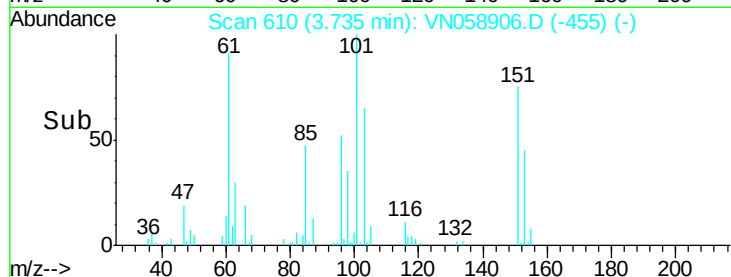
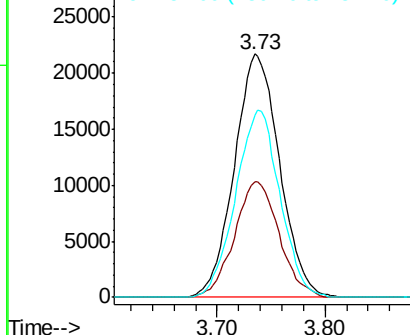
101 100

85 46.9 0.0 93.8

151 75.3 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): V
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.529 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

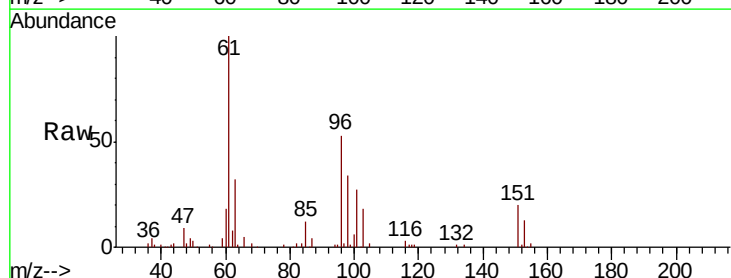
Tgt Ion: 96 Resp: 57586

Ion Ratio Lower Upper

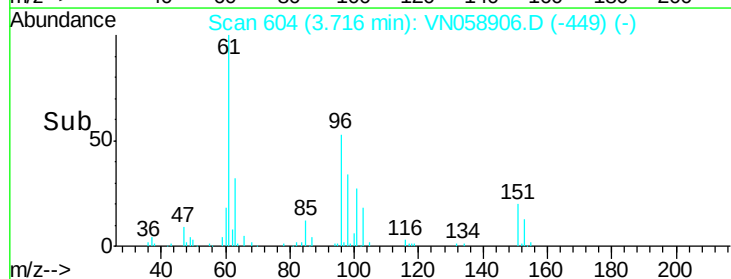
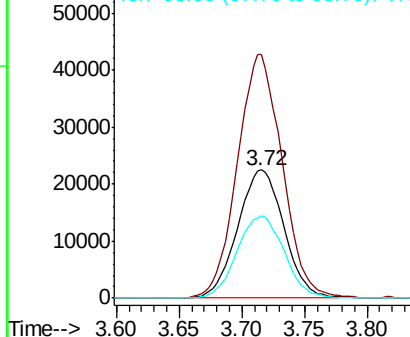
96 100

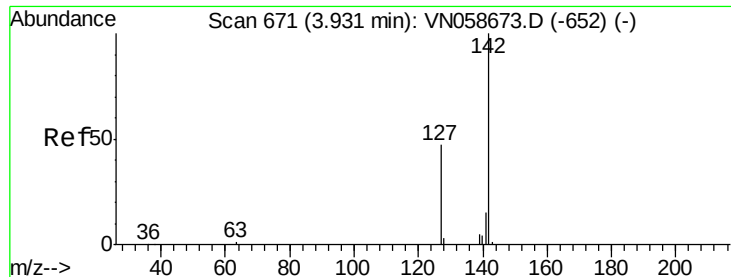
61 190.1 148.5 222.7

98 64.3 51.0 76.6



Abundance Ion 96.00 (95.70 to 96.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 98.00 (97.70 to 98.70): V

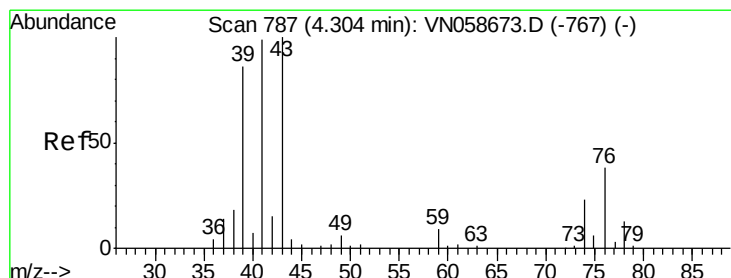
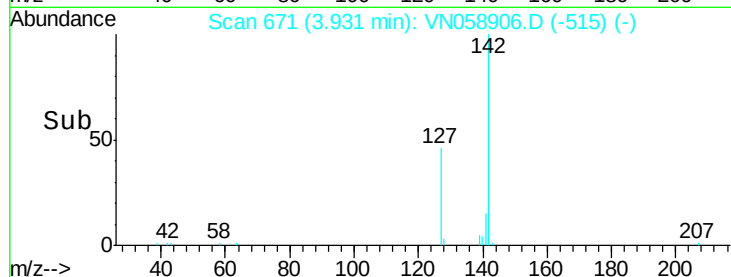
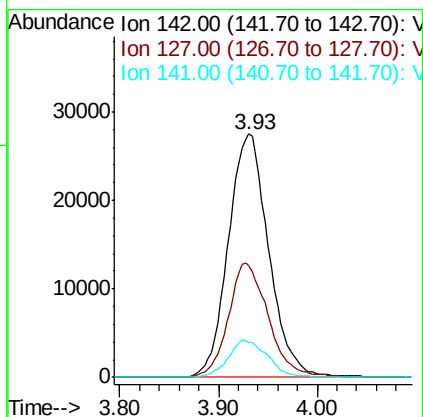
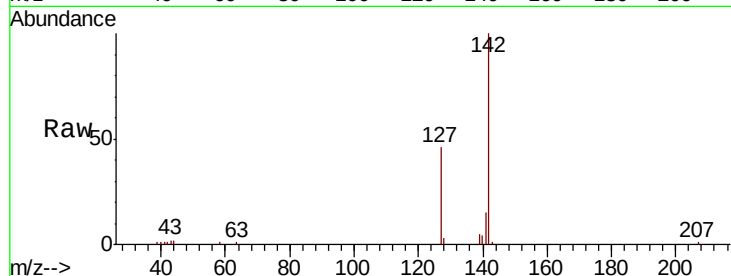




#11
Methyl Iodide
Concen: 20.032 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

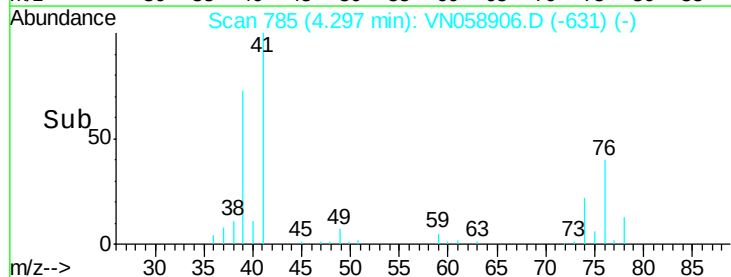
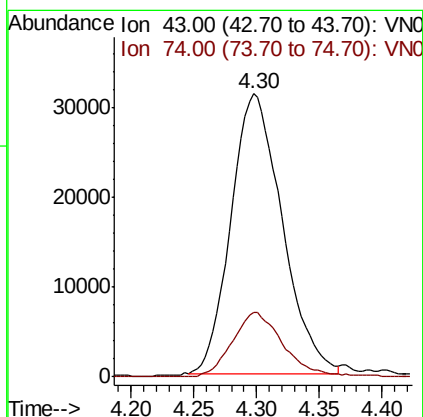
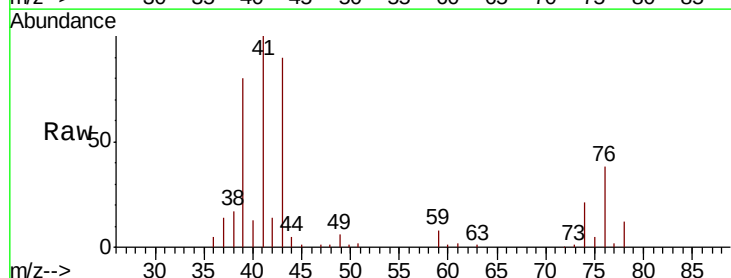
Instrument :
MSVOA_N
ClientSampleId :

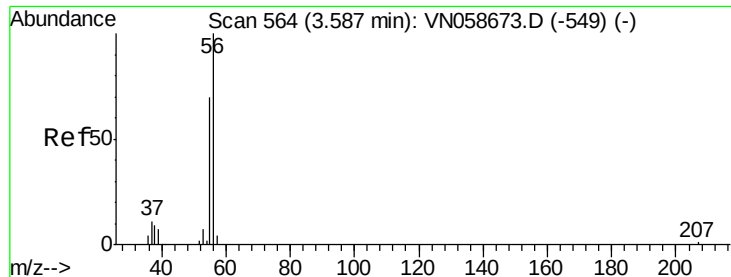
Tot Ion:142 Resp: 78254
Ion Ratio Lower Upper
142 100
127 45.7 23.5 70.6
141 14.6 7.4 22.2



#12
Methyl Acetate
Concen: 19.799 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 43 Resp: 88855
Ion Ratio Lower Upper
43 100
74 23.1 18.1 27.1





#13

Acrolein

Concen: 99.845 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

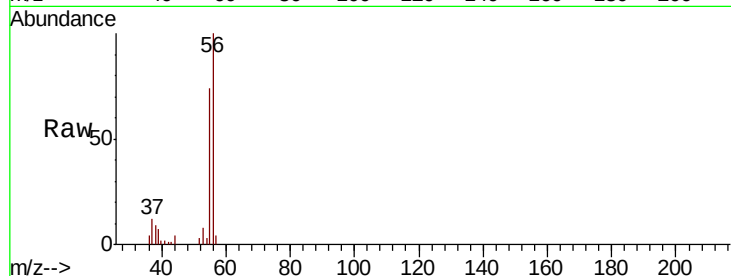
ClientSampled :

Tot Ion: 56 Resp: 49511

Ion Ratio Lower Upper

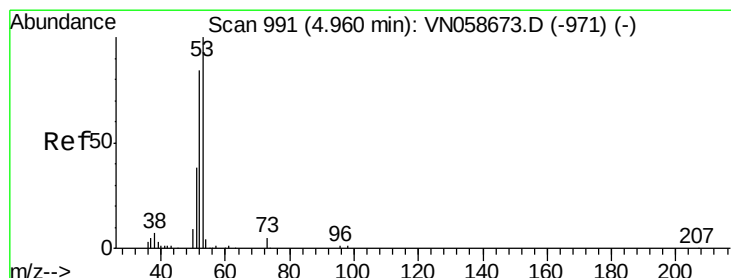
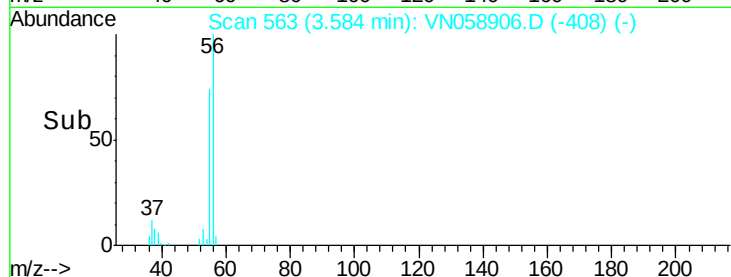
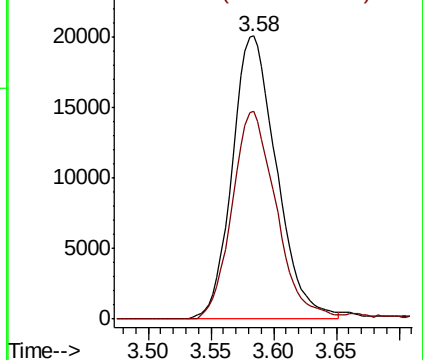
56 100

55 72.9 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 101.484 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

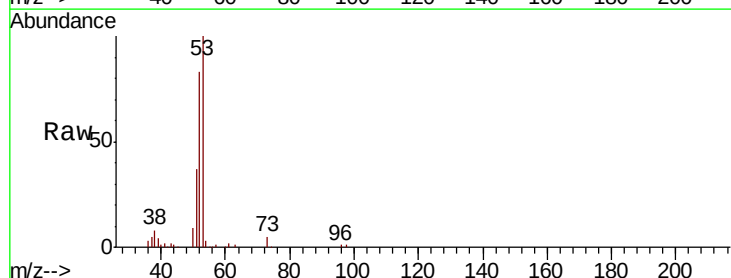
Tgt Ion: 53 Resp: 179460

Ion Ratio Lower Upper

53 100

52 81.1 42.2 126.6

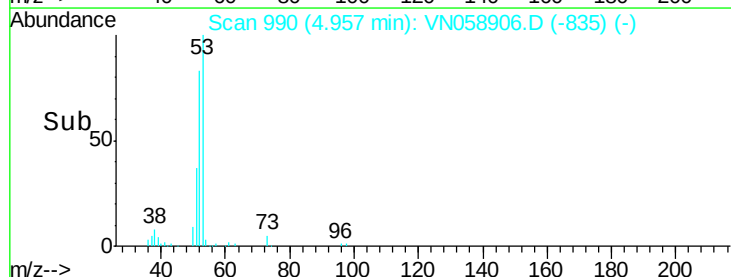
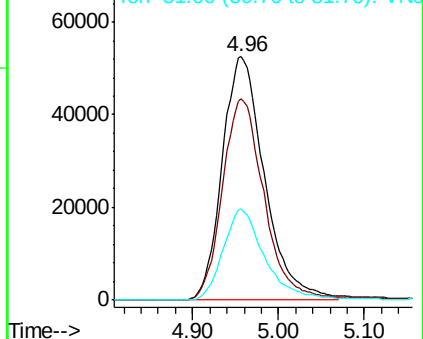
51 35.7 18.8 56.4

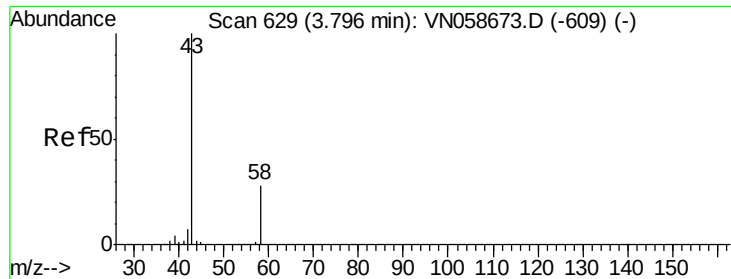


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 164.173 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

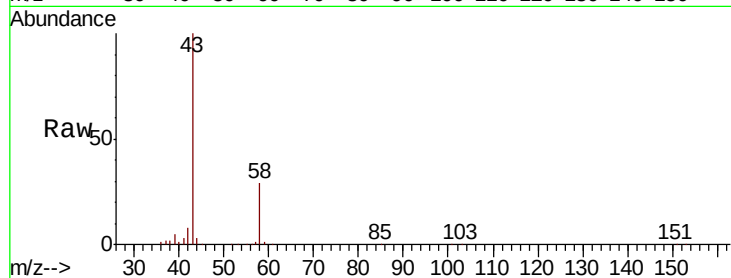
ClientSampleId :

Tot Ion: 58 Resp: 86177

Ion Ratio Lower Upper

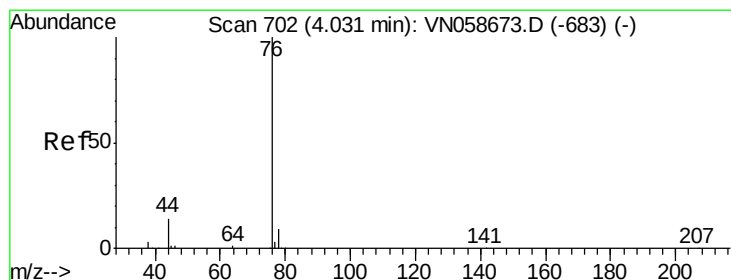
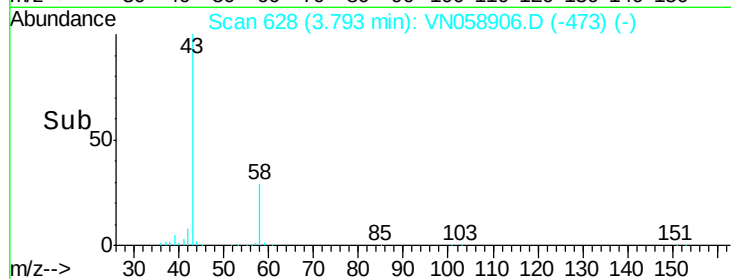
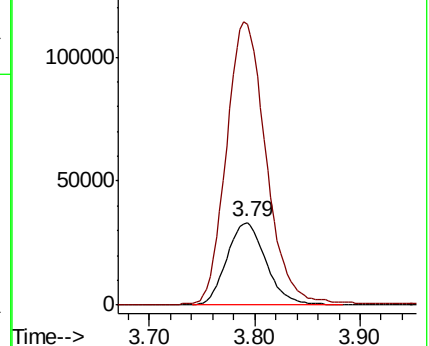
58 100

43 337.9 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 21.021 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058906.D

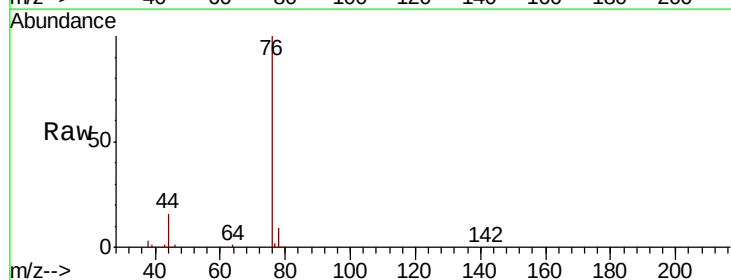
Acq: 22 Oct 2019 14:11

Tgt Ion: 76 Resp: 171987

Ion Ratio Lower Upper

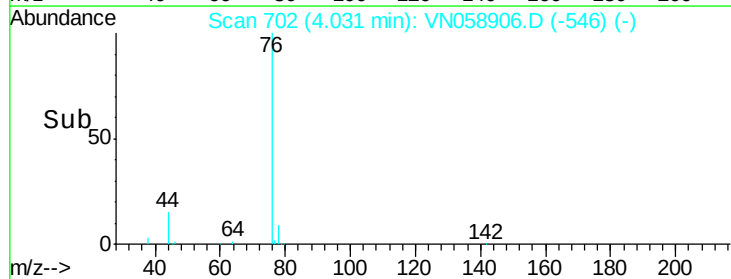
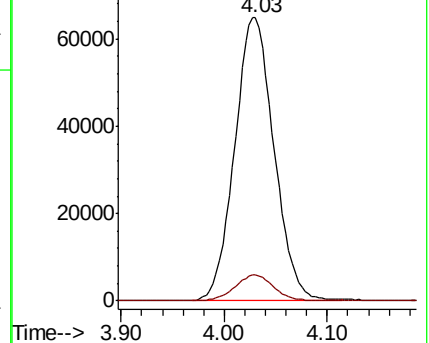
76 100

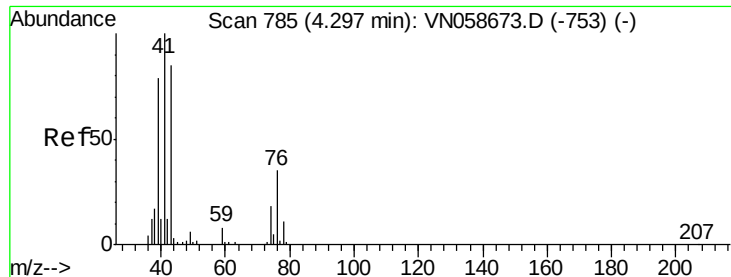
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

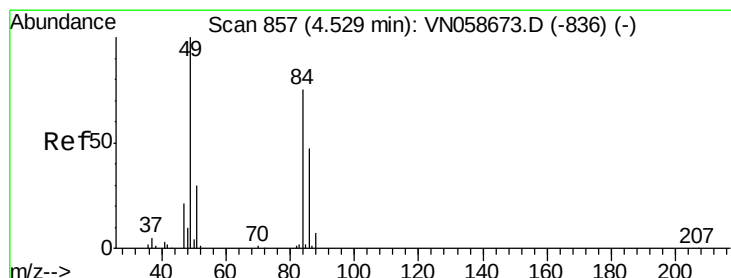
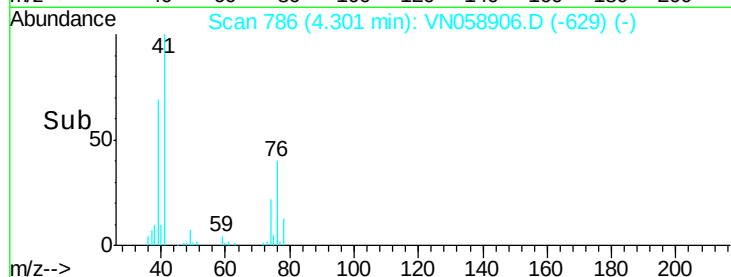
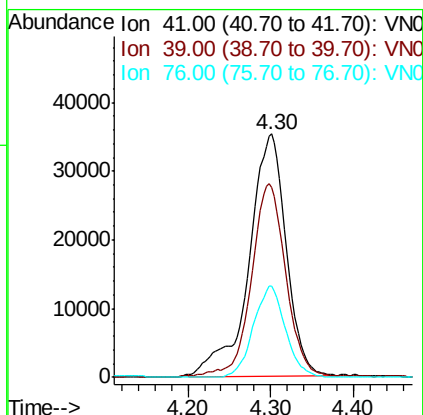
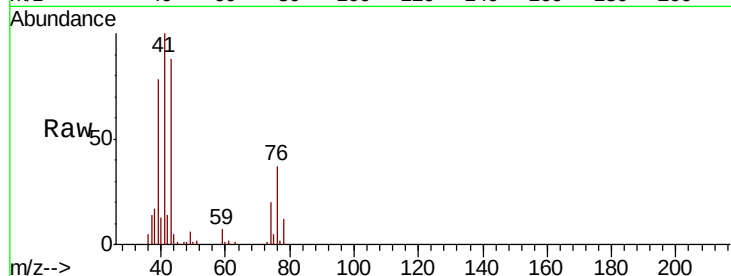




#17
 Allvl chloride
 Concen: 19.804 ug/l
 RT: 4.30 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

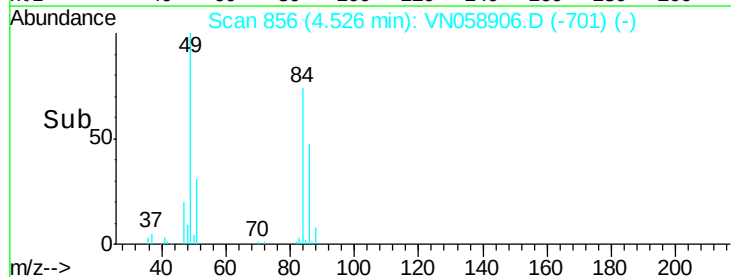
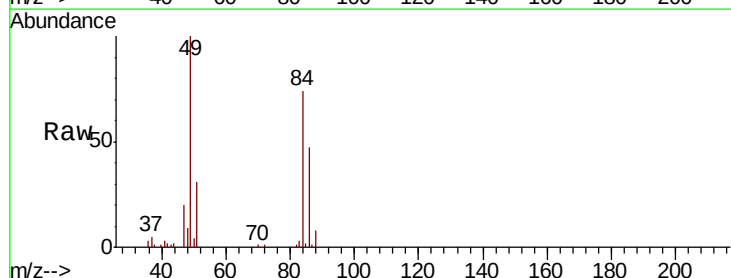
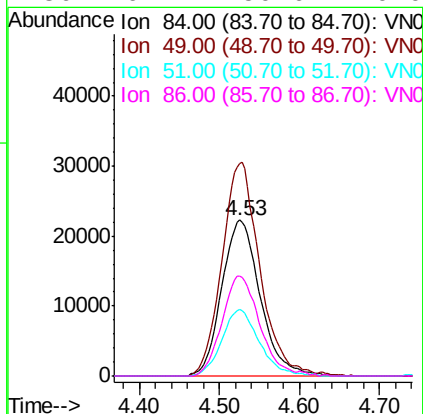
Instrument :
 MSVOA_N
 ClientSampleId :

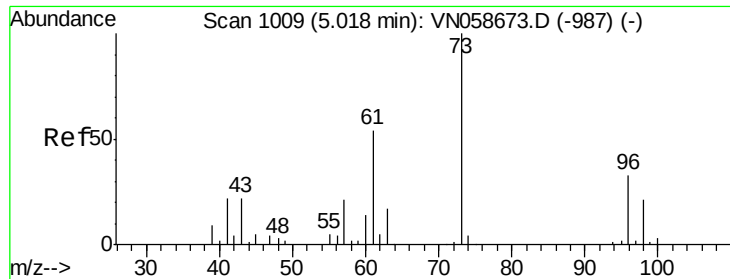
Tot Ion: 41 Resp: 110569
 Ion Ratio Lower Upper
 41 100
 39 78.3 39.6 118.8
 76 37.6 17.6 52.9



#18
 Methylene Chloride
 Concen: 21.535 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion: 84 Resp: 73148
 Ion Ratio Lower Upper
 84 100
 49 136.0 106.6 160.0
 51 42.5 32.4 48.6
 86 64.1 50.6 76.0

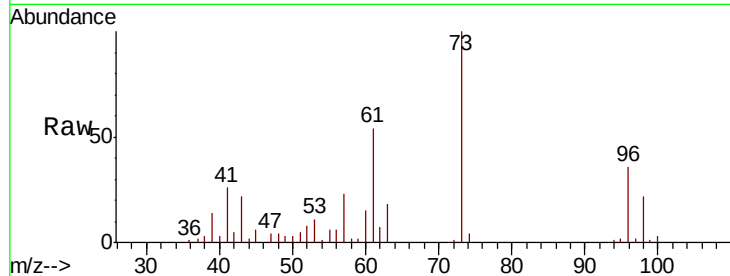




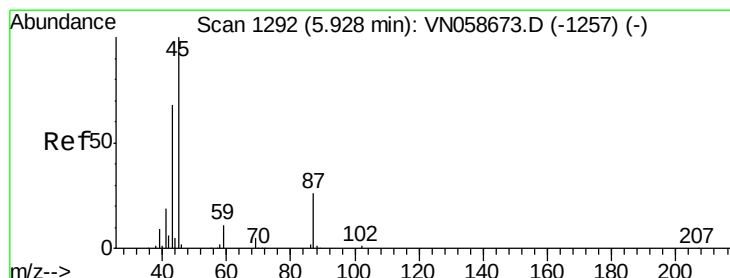
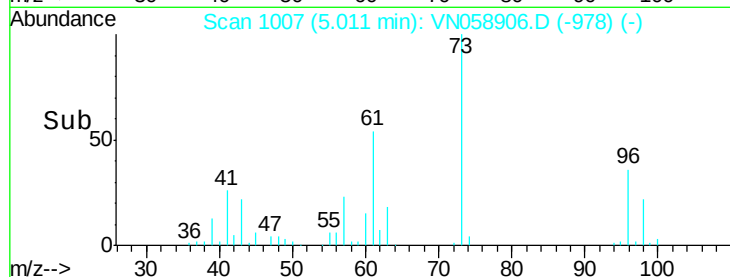
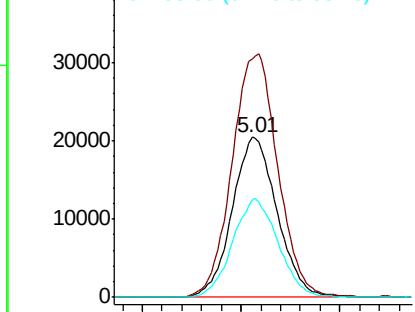
#19
trans-1,2-Dichloroethene
Concen: 21.028 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 64213
Ion Ratio Lower Upper
96 100
61 147.9 131.8 197.6
98 61.2 52.6 79.0

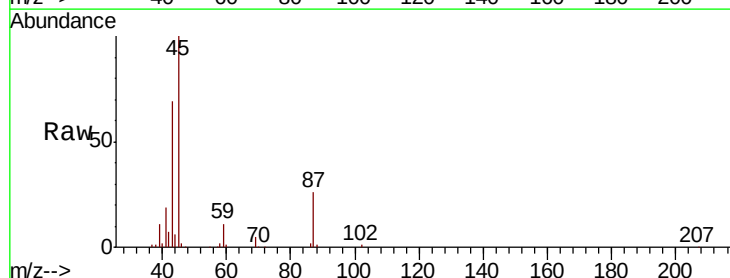


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

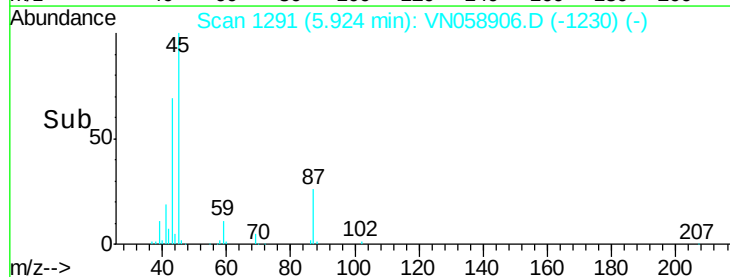
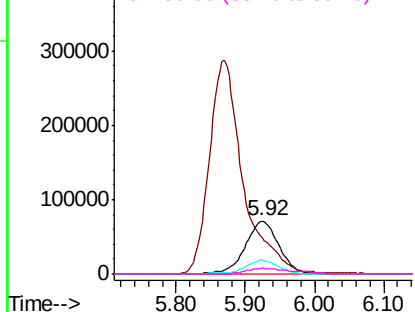


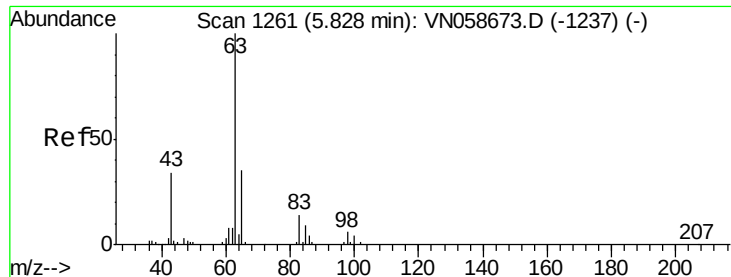
#20
Diisopropyl ether
Concen: 21.035 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 45 Resp: 239273
Ion Ratio Lower Upper
45 100
43 67.0 54.7 82.1
87 26.0 21.5 32.3
59 10.7 8.7 13.1



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

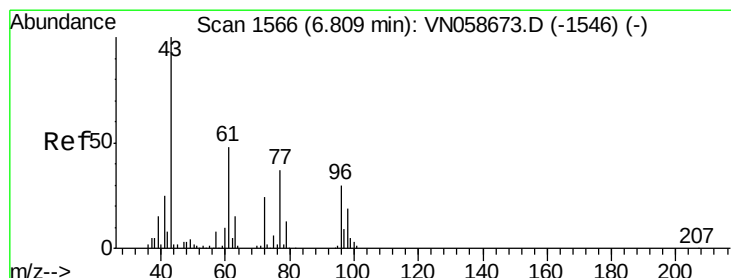
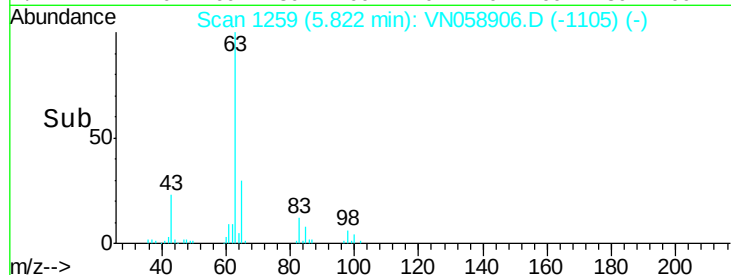
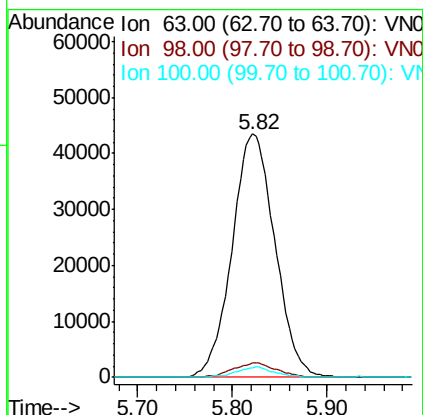
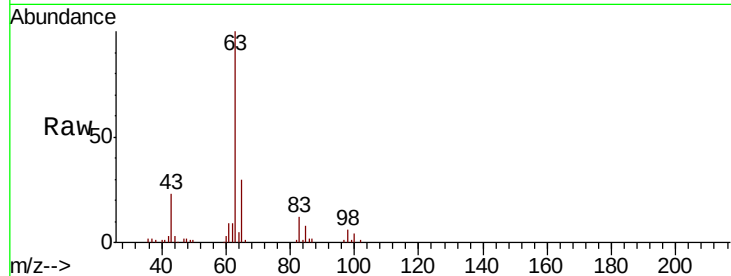




#21
 1,1-Dichloroethane
 Concen: 21.701 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

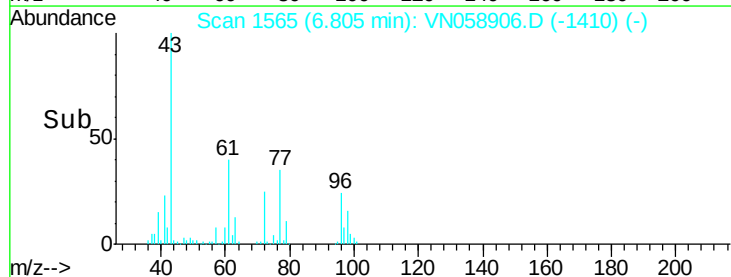
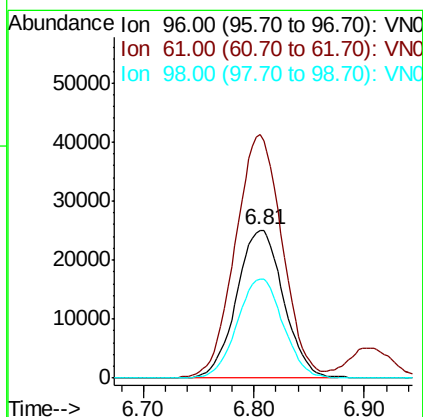
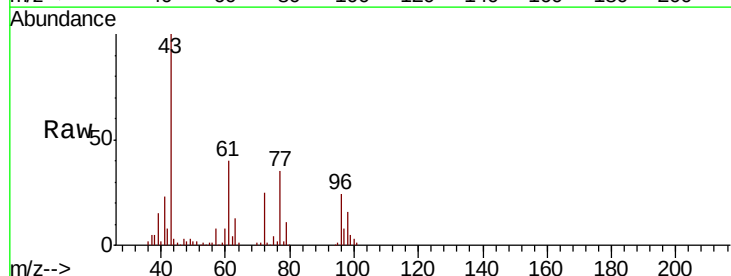
Instrument :
 MSVOA_N
 ClientSampled :

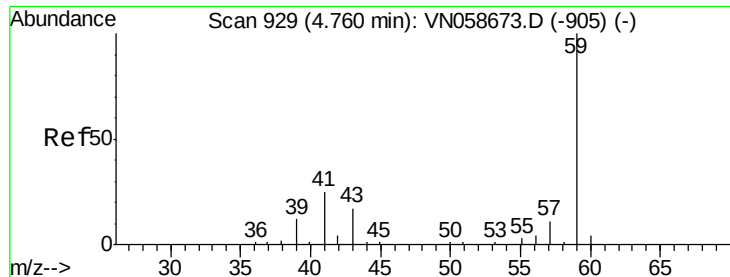
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.6
100	4.0	1.8	5.5



#22
 cis-1,2-Dichloroethene
 Concen: 20.258 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.3	127.2	190.8
98	65.6	50.5	75.7

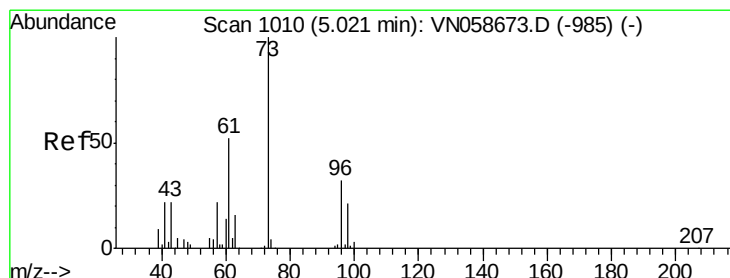
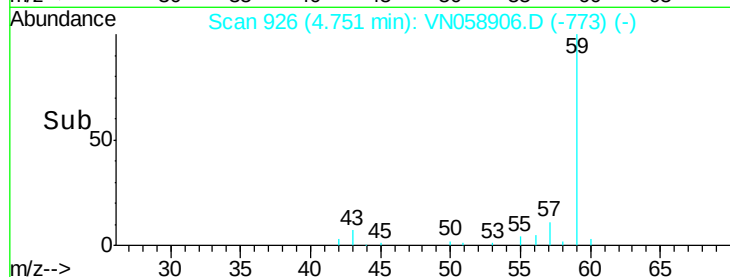
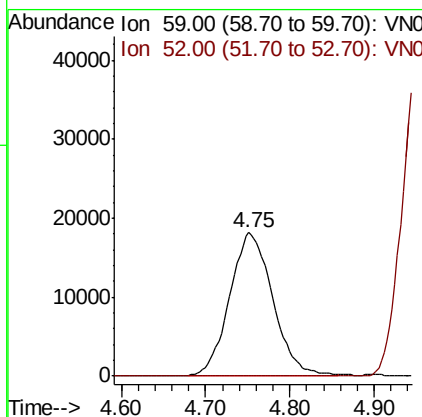
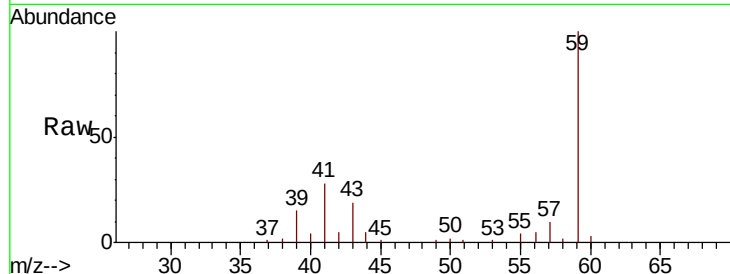




#23
tert-Butyl Alcohol
Concen: 89.627 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

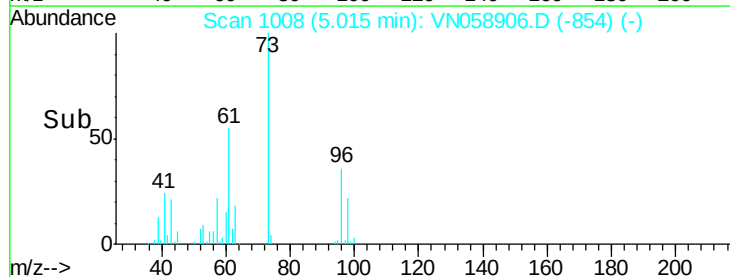
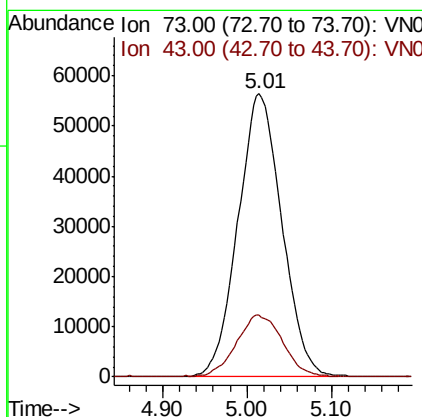
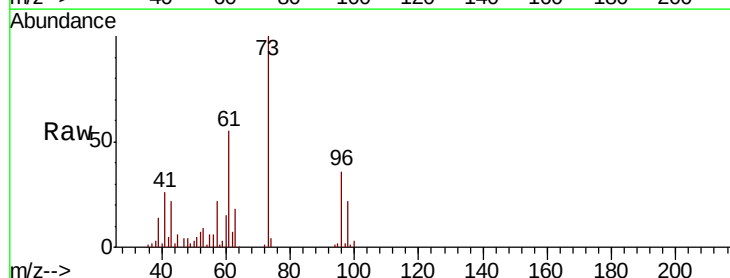
Instrument :
MSVOA_N
ClientSampled :

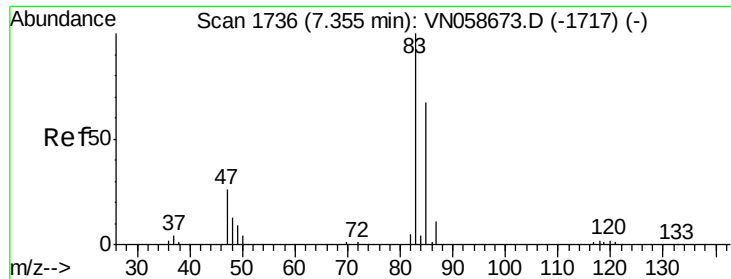
Tot Ion: 59 Resp: 64828
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.485 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 73 Resp: 203900
Ion Ratio Lower Upper
73 100
43 23.1 17.9 26.9

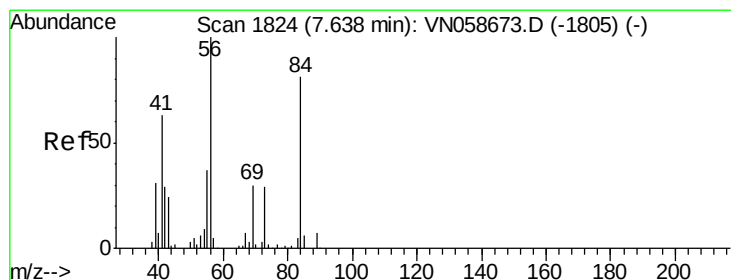
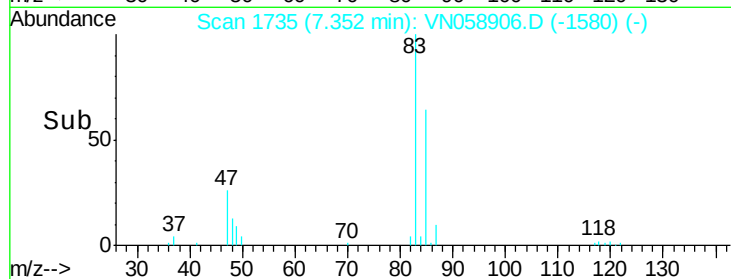
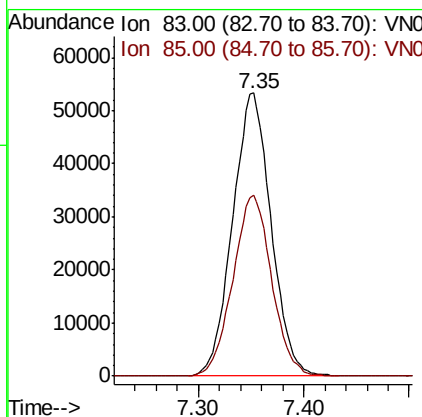
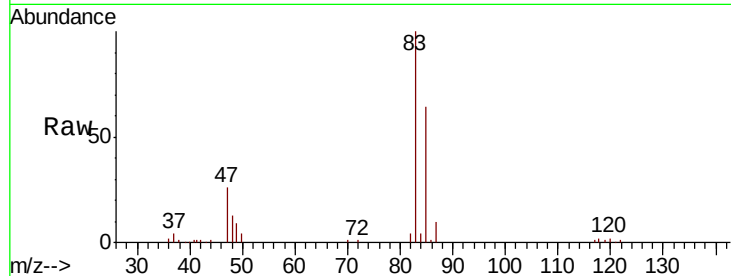




#25
Chloroform
Concen: 21.522 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

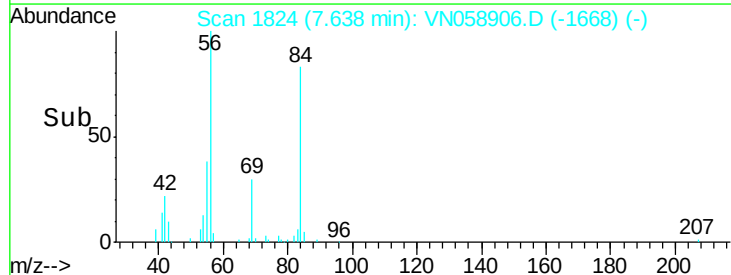
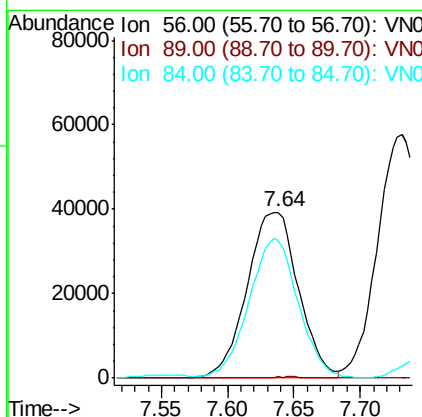
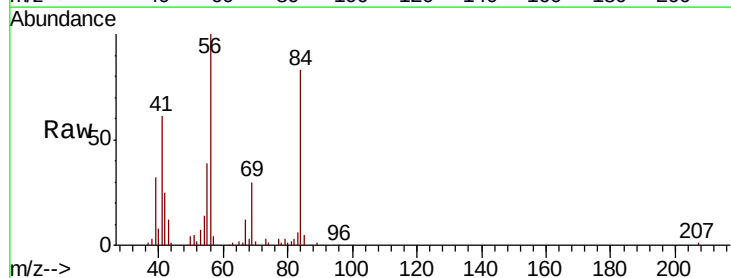
Instrument :
MSVOA_N
ClientSampleId :

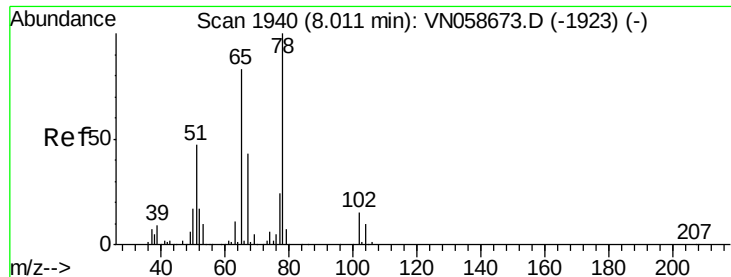
Tot Ion: 83 Resp: 135207
Ion Ratio Lower Upper
83 100
85 63.7 53.8 80.8



#26
Cyclohexane
Concen: 19.224 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 56 Resp: 106286
Ion Ratio Lower Upper
56 100
89 0.0 6.2 9.2#
84 80.9 65.6 98.4





#27

1,2-Dichloroethane-d4

Concen: 32.040 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

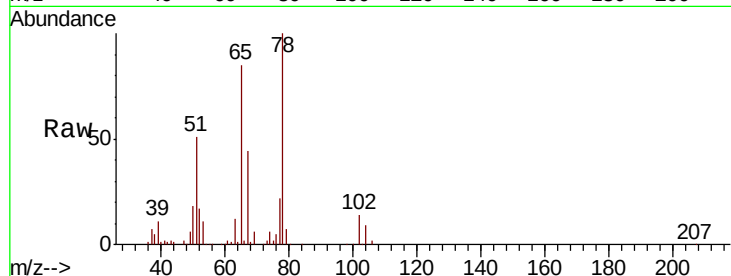
ClientSampleId :

Tot Ion: 65 Resp: 145792

Ion Ratio Lower Upper

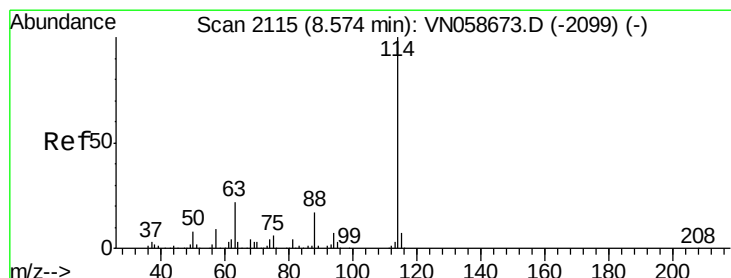
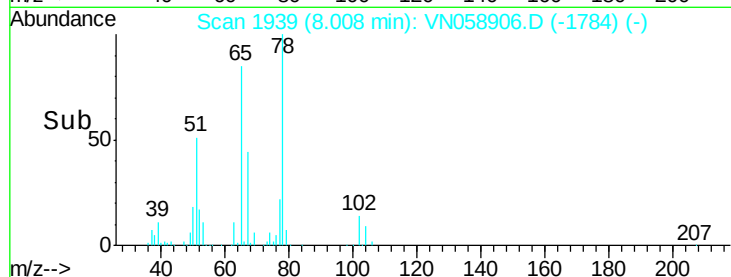
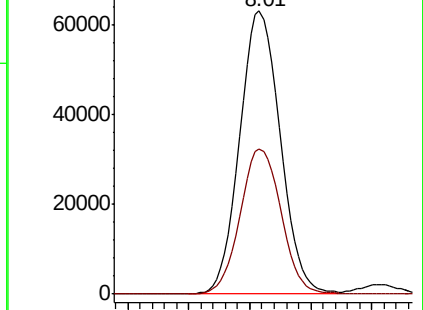
65 100

67 51.8 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN058673.D (-1923) (-)

Ion 67.00 (66.70 to 67.70): VN058673.D (-1923) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

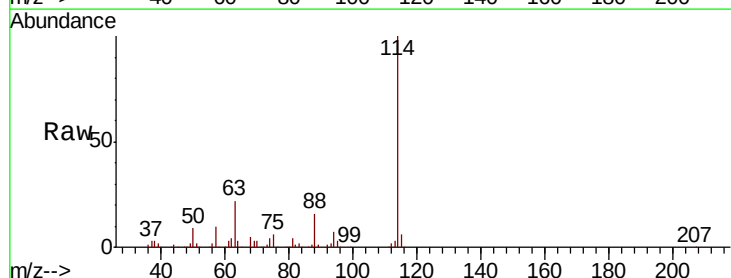
Tgt Ion: 114 Resp: 285119

Ion Ratio Lower Upper

114 100

63 22.8 18.1 27.1

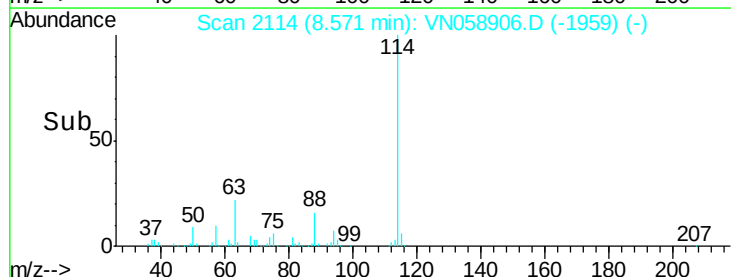
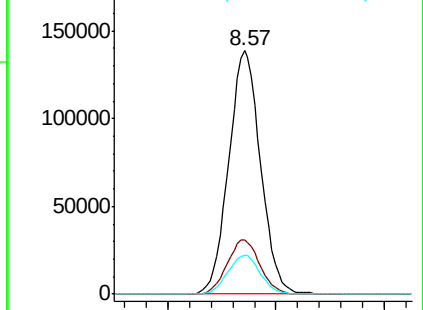
88 16.2 13.0 19.4

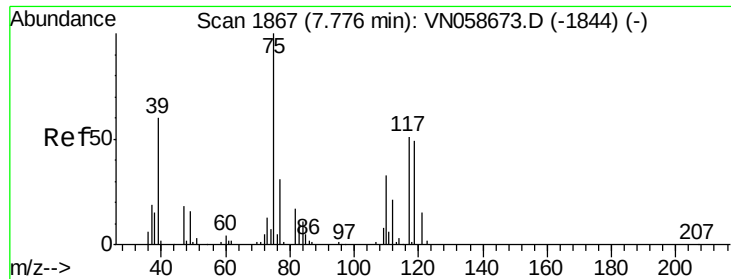


Abundance Ion 114.00 (113.70 to 114.70): VN058673.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN058673.D (-2099) (-)

Ion 88.00 (87.70 to 88.70): VN058673.D (-2099) (-)

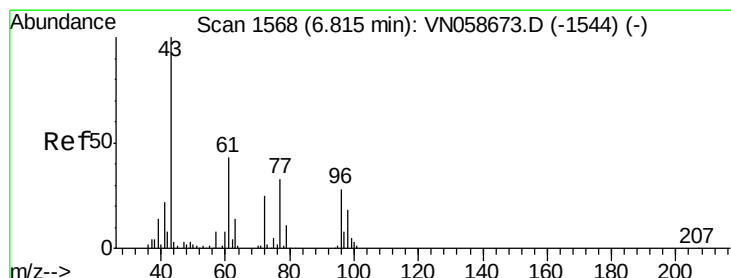
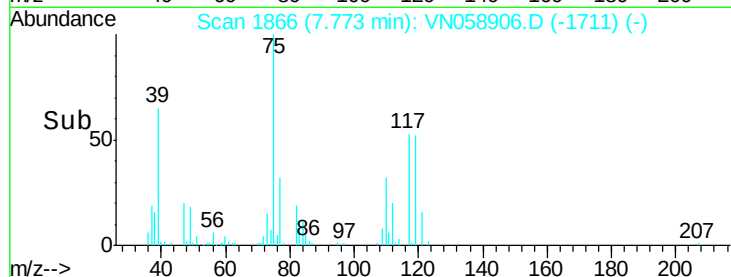
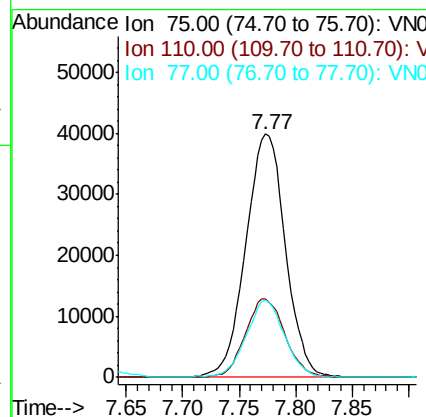
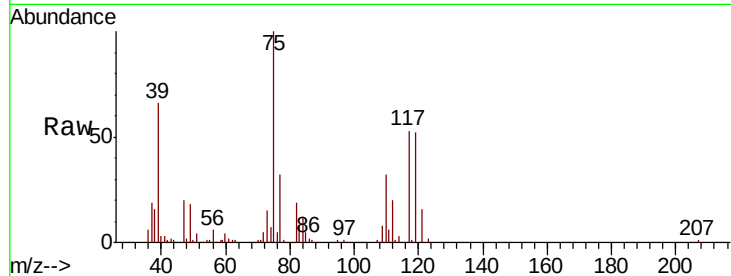




#29
 1,1-Dichloropropene
 Concen: 21.659 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

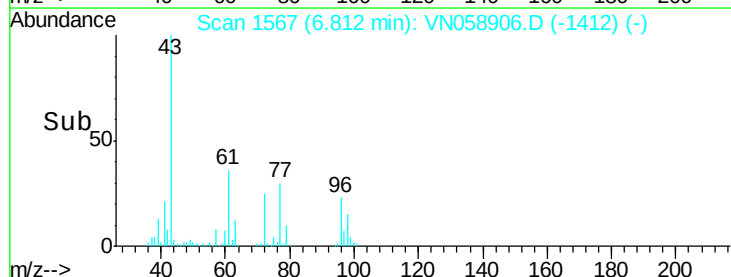
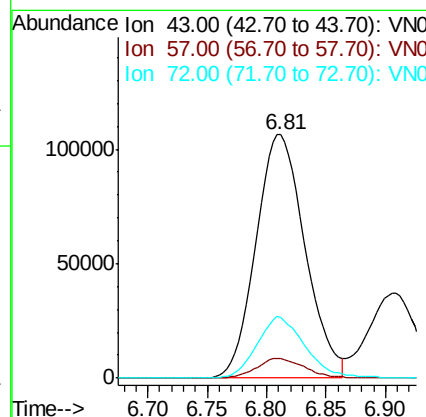
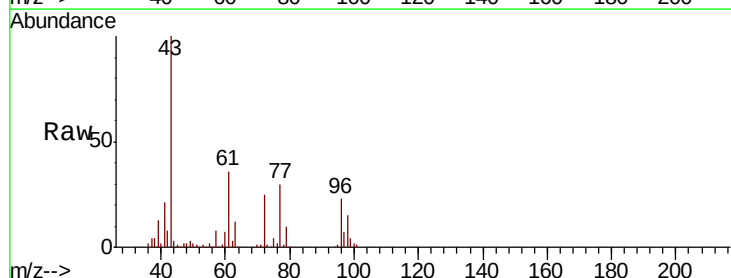
Instrument :
 MSVOA_N
 ClientSampled :

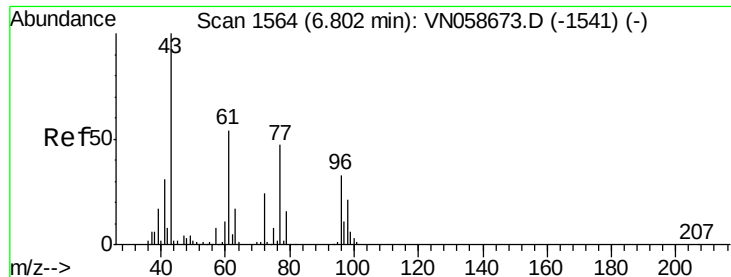
Tot Ion	Ratio	Lower	Upper
75	100		
110	32.2	0.0	64.6
77	30.6	0.0	60.8



#30
 2-Butanone
 Concen: 119.963 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.5	9.7
72	24.8	20.1	30.1

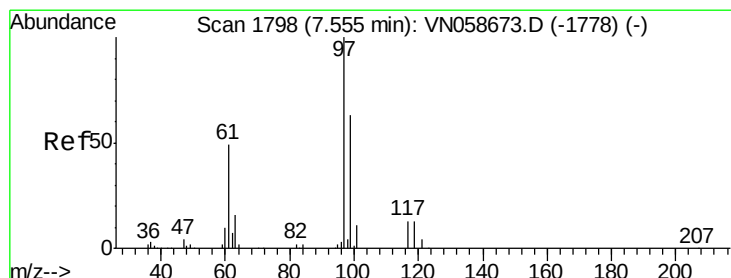
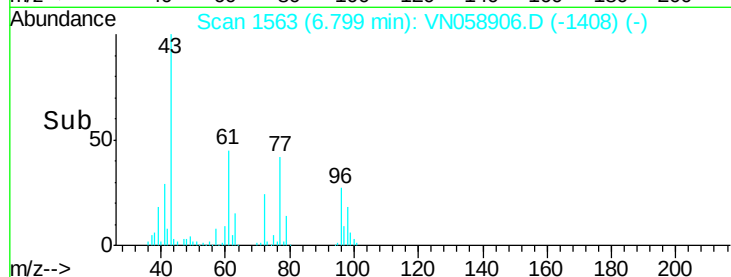
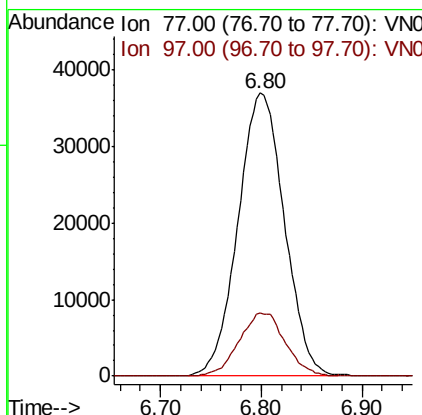
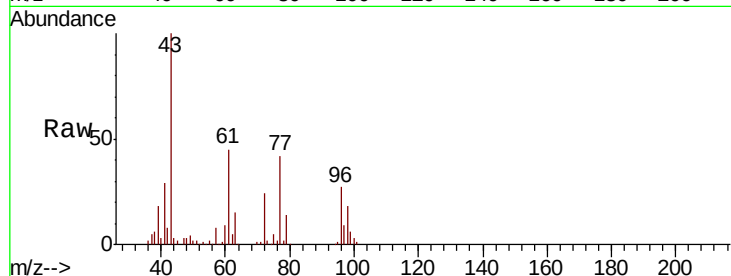




#31
 2,2-Dichloropropane
 Concen: 22.300 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

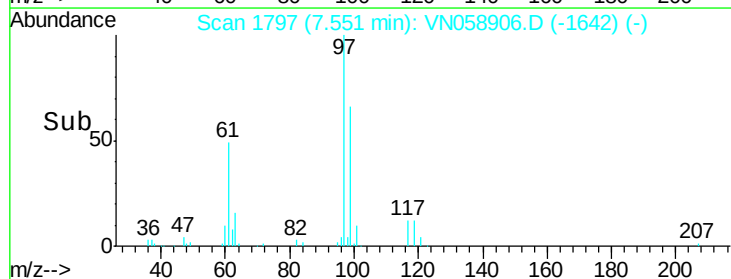
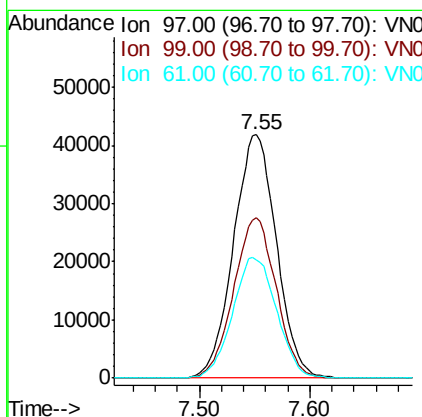
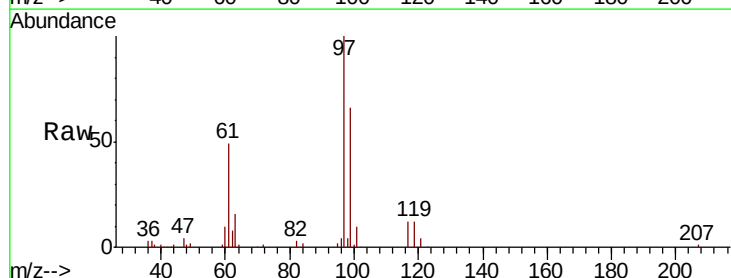
Instrument :
 MSVOA_N
 ClientSampleId :

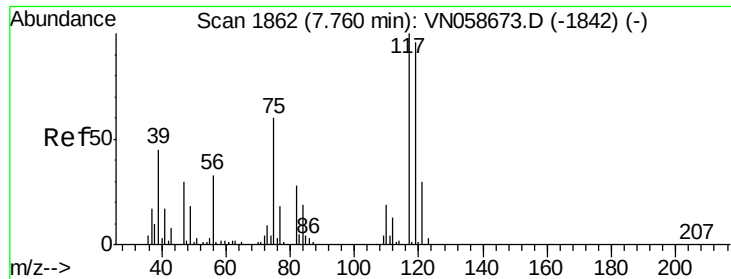
Tot Ion: 77 Resp: 117965
 Ion Ratio Lower Upper
 77 100
 97 12.1 17.9 26.9#



#32
 1,1,1-Trichloroethane
 Concen: 21.718 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion: 97 Resp: 112739
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.3 76.9
 61 50.8 38.4 57.6

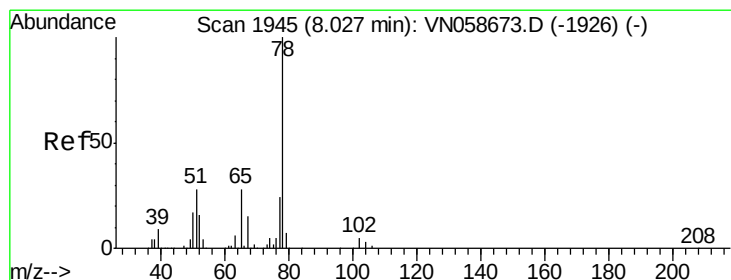
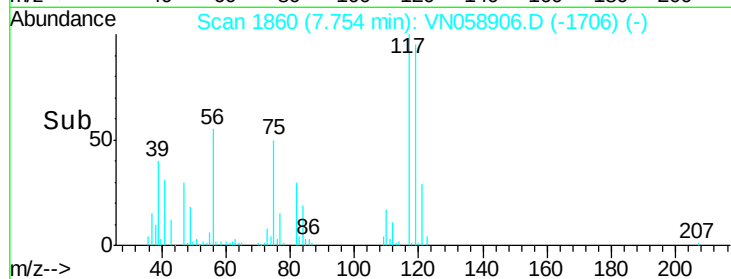
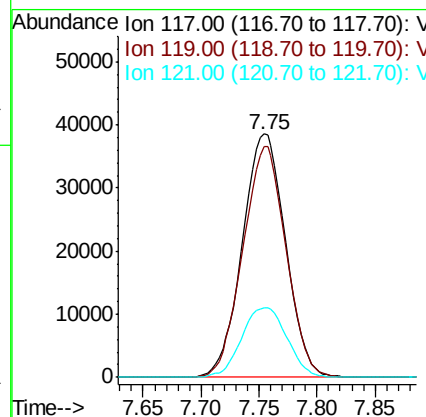
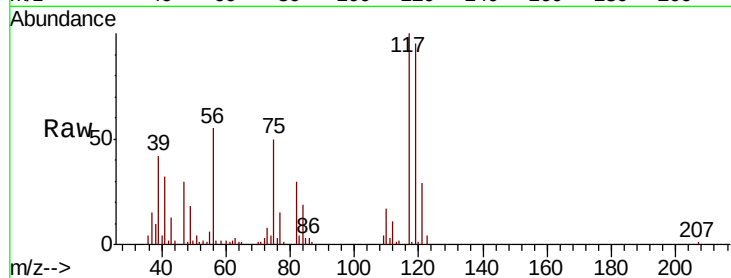




#33
Carbon Tetrachloride
Concen: 22.227 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

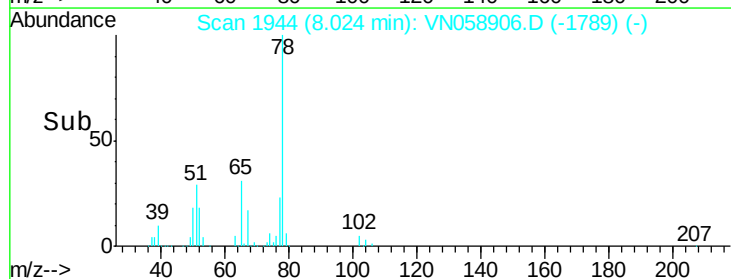
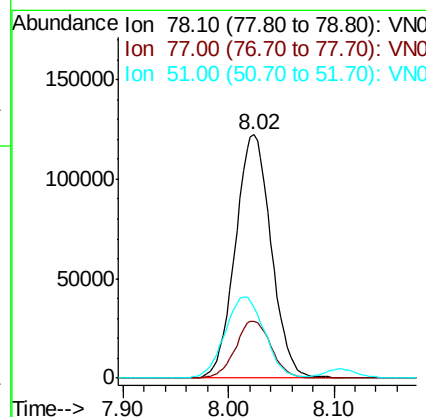
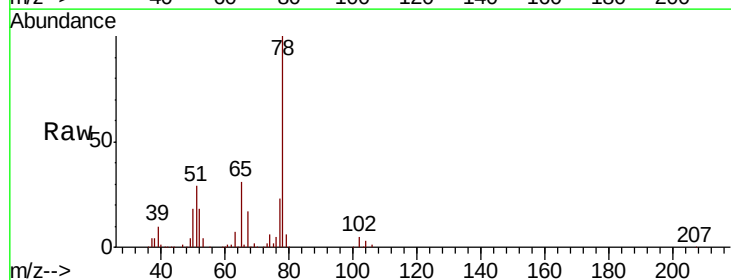
Instrument :
MSVOA_N
ClientSampled :

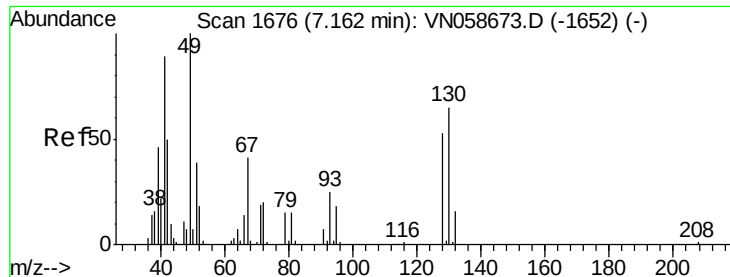
Tot Ion:117 Resp: 99869
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3
121 28.6 23.8 35.8



#34
Benzene
Concen: 21.820 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 78 Resp: 288317
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8
51 28.7 22.1 33.1

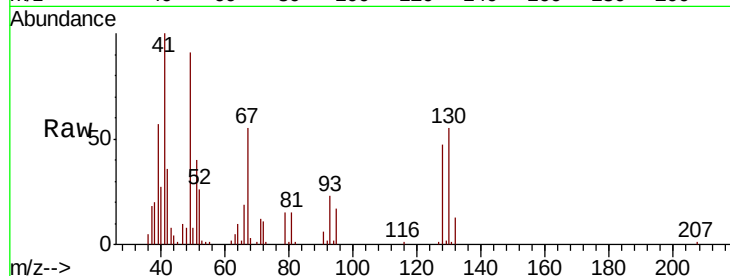




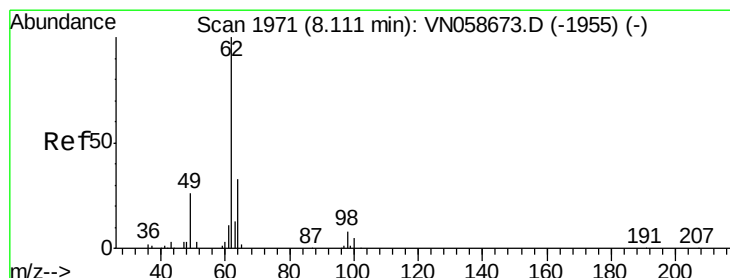
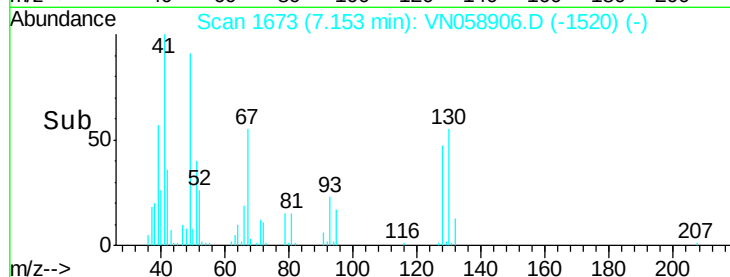
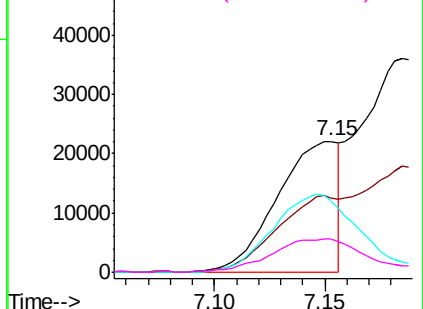
#35
Methacrylonitrile
Concen: 18.947 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 42451
Ion Ratio Lower Upper
41 100
39 56.8 25.8 77.4
67 54.9 23.0 69.0
52 25.6 10.1 30.1

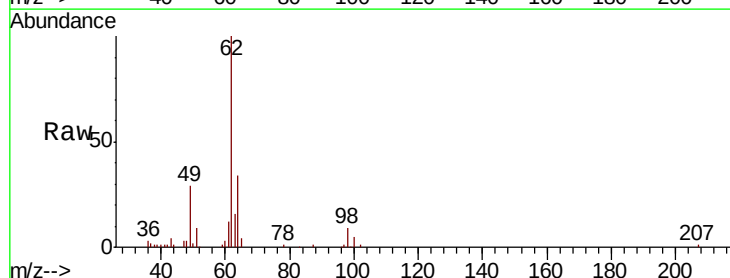


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

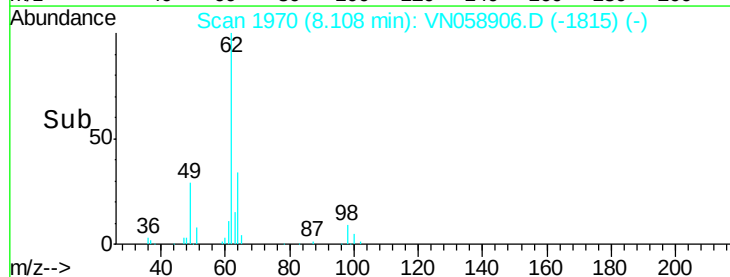
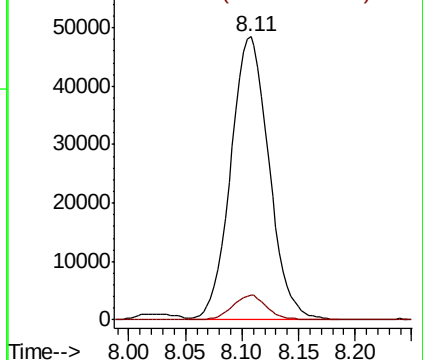


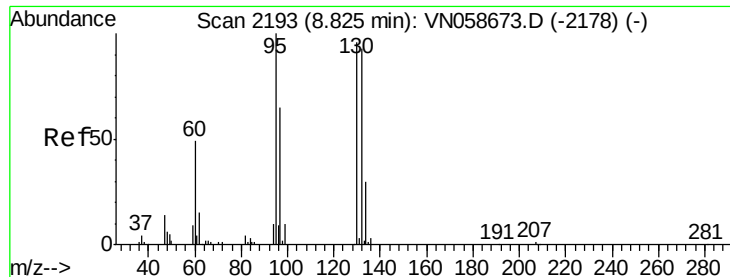
#36
1,2-Dichloroethane
Concen: 22.604 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 62 Resp: 114193
Ion Ratio Lower Upper
62 100
98 7.8 6.4 9.6



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 21.326 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

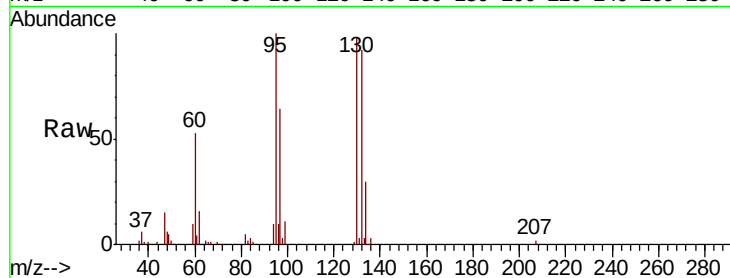
ClientSampled :

Tot Ion:130 Resp: 69228

Ion Ratio Lower Upper

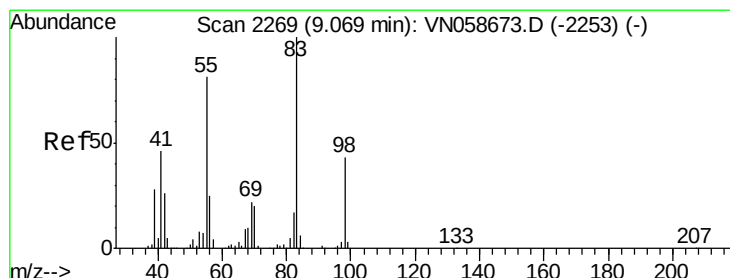
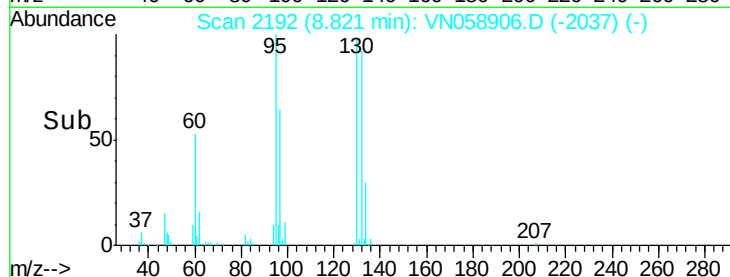
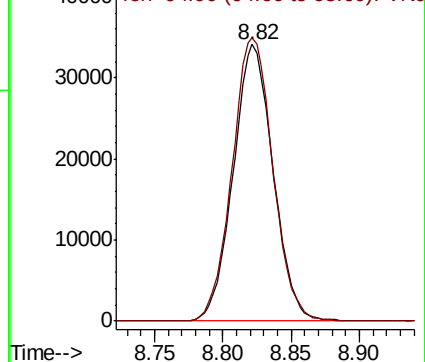
130 100

95 102.4 83.2 124.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.313 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

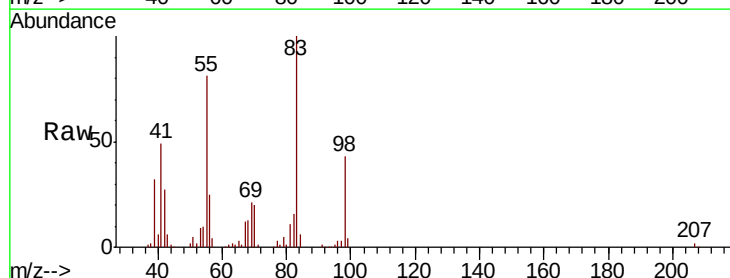
Tgt Ion: 83 Resp: 100500

Ion Ratio Lower Upper

83 100

55 84.8 40.4 121.1

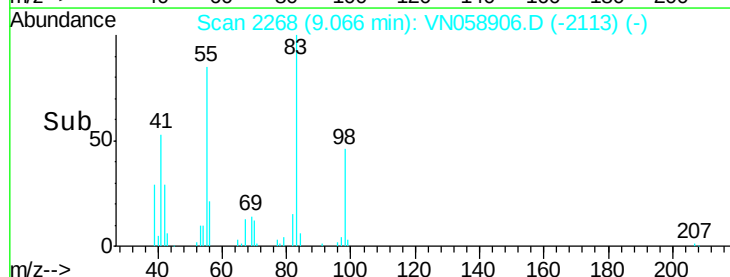
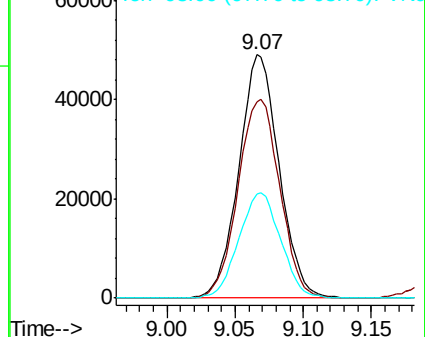
98 45.0 21.6 65.0

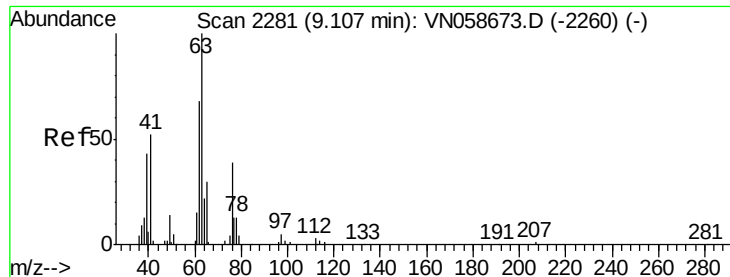


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

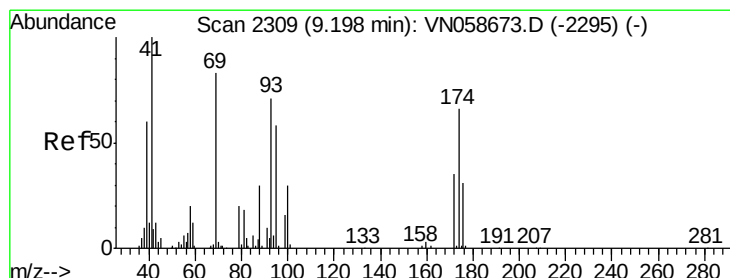
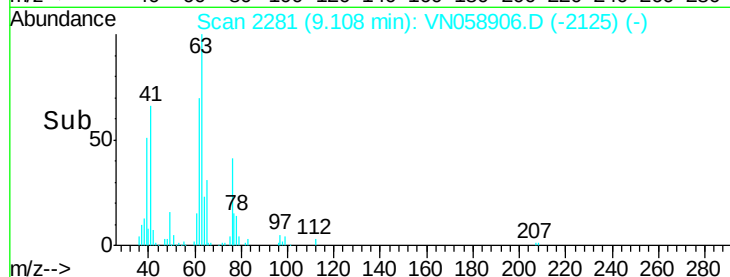
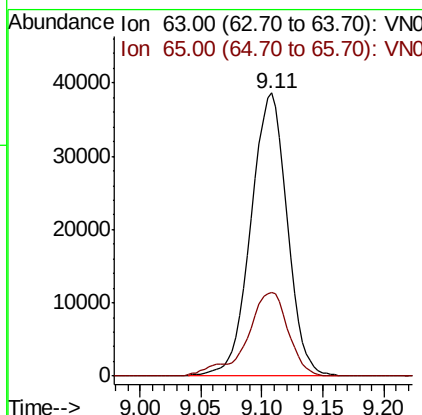
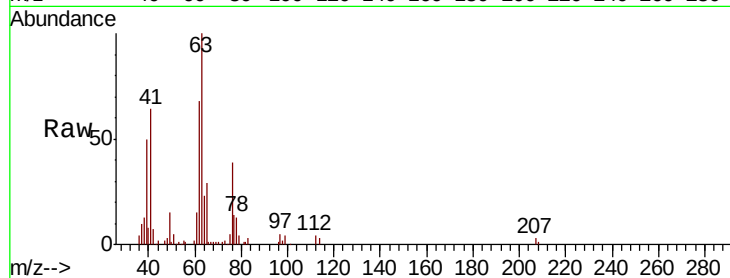




#39
 1,2-Dichloropropane
 Concen: 22.016 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

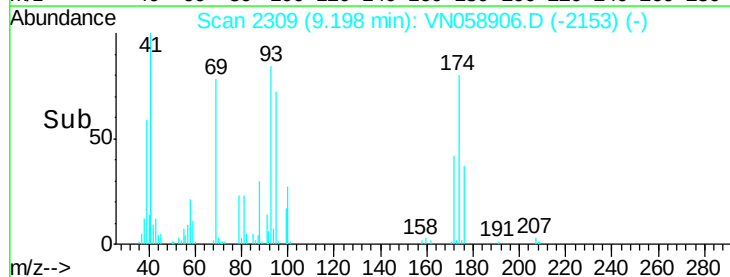
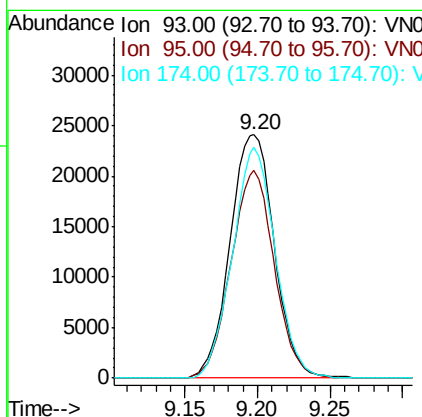
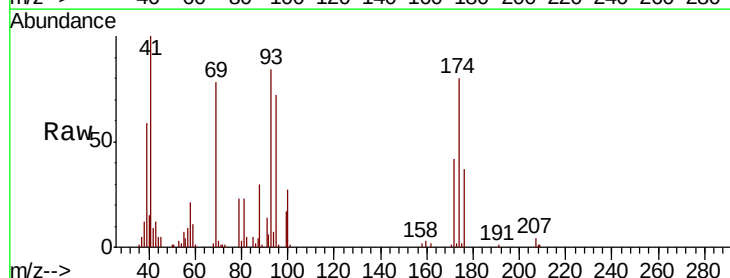
Instrument :
 MSVOA_N
 ClientSampleId :

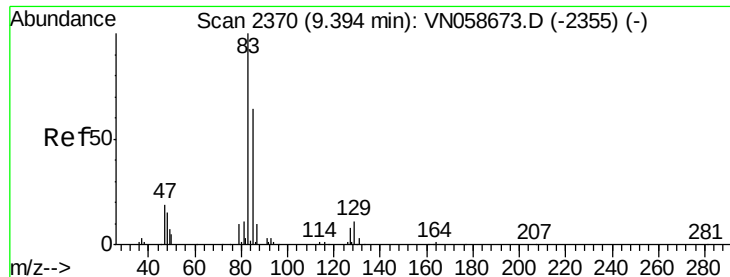
Tot Ion: 63 Resp: 79501
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.8 35.6



#40
 Dibromomethane
 Concen: 22.407 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion: 93 Resp: 51078
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 167.6
 174 91.5 0.0 187.2





#41

Bromodichloromethane

Concen: 22.516 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

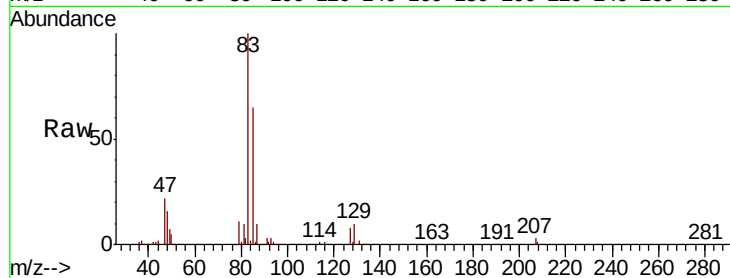
Tot Ion: 83 Resp: 104854

Ion Ratio Lower Upper

83 100

85 64.7 51.0 76.4

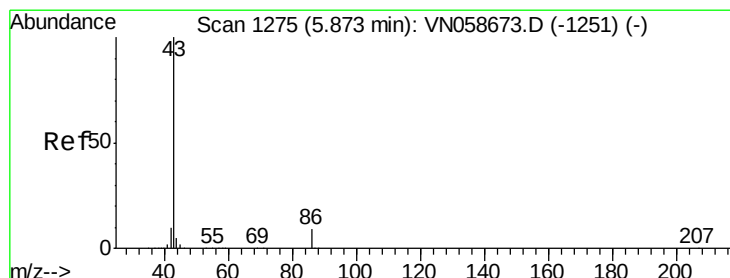
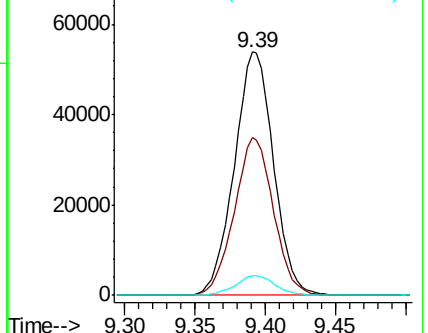
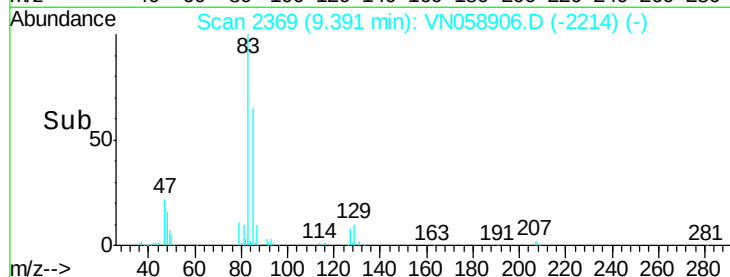
127 8.1 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN058906.D (-2214) (-)

Ion 85.00 (84.70 to 85.70): VN058906.D (-2214) (-)

Ion 127.00 (126.70 to 127.70): VN058906.D (-2214) (-)



#42

Vinyl Acetate

Concen: 108.771 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058906.D

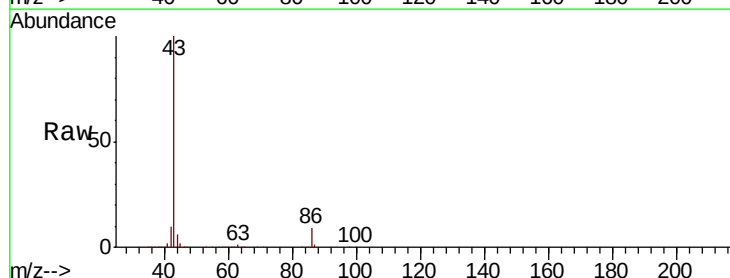
Acq: 22 Oct 2019 14:11

Tgt Ion: 43 Resp: 966172

Ion Ratio Lower Upper

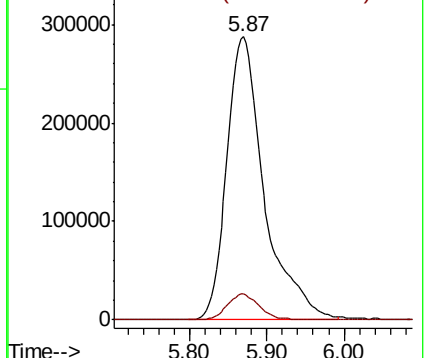
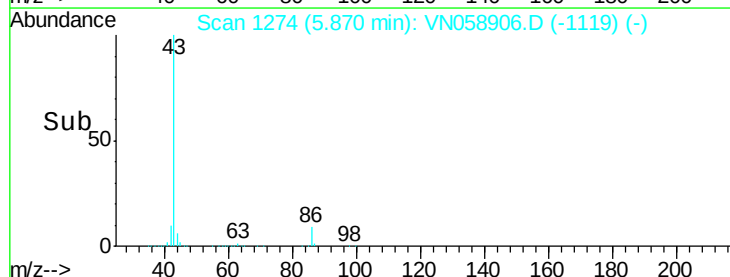
43 100

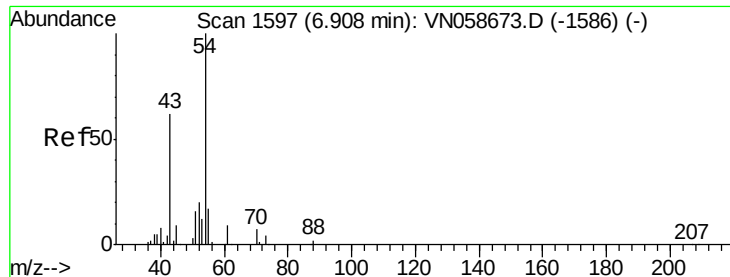
86 7.9 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN058906.D (-1119) (-)

Ion 86.00 (85.70 to 86.70): VN058906.D (-1119) (-)

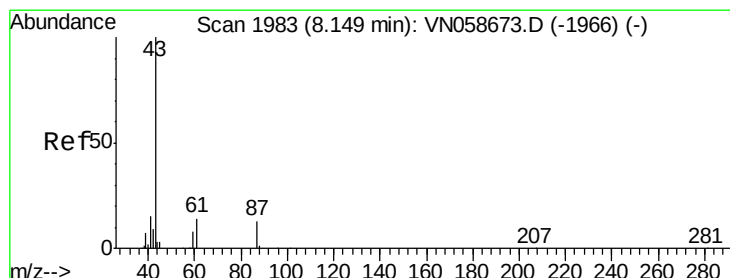
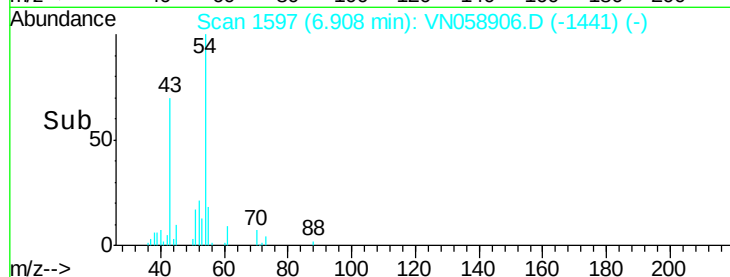
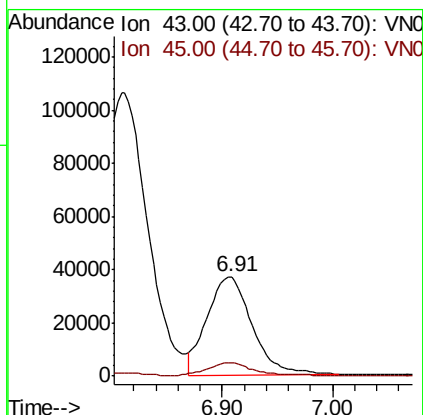
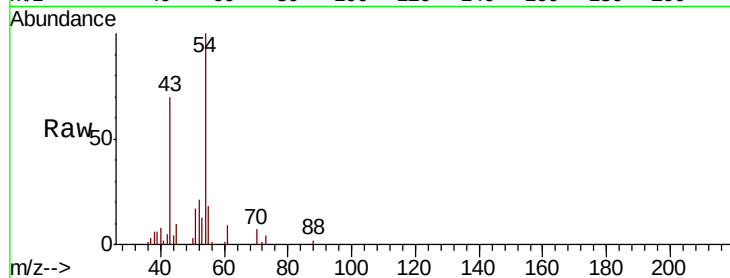




#43
Ethyl Acetate
Concen: 20.821 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

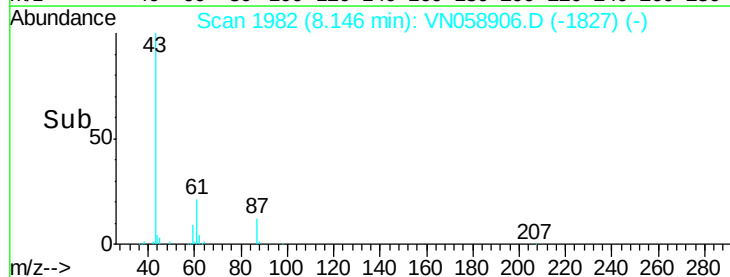
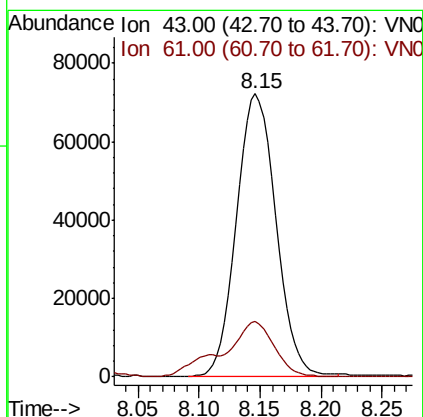
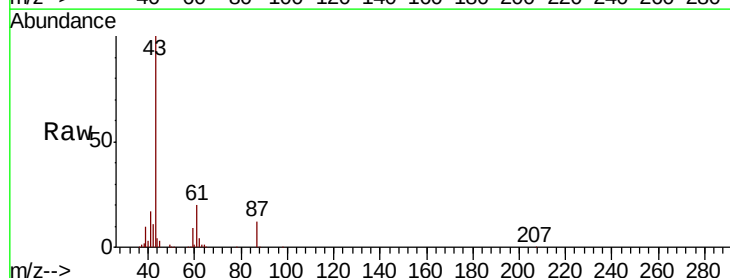
Instrument :
MSVOA_N
ClientSampled :

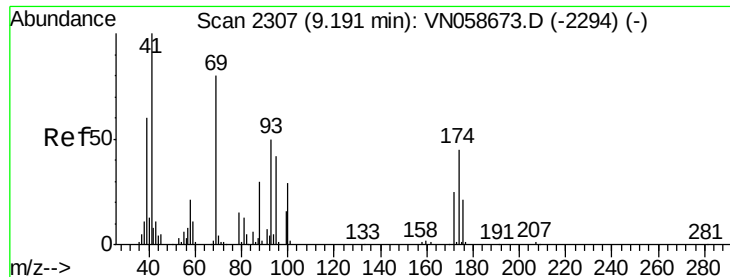
Tot Ion: 43 Resp: 103650
Ion Ratio Lower Upper
43 100
45 12.8 9.7 14.5



#44
Isopropyl Acetate
Concen: 19.994 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 43 Resp: 161226
Ion Ratio Lower Upper
43 100
61 18.9 19.9 29.9#



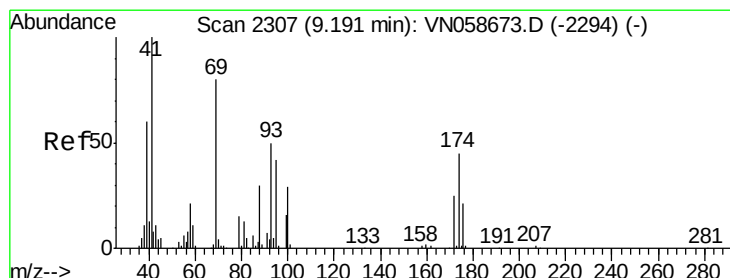
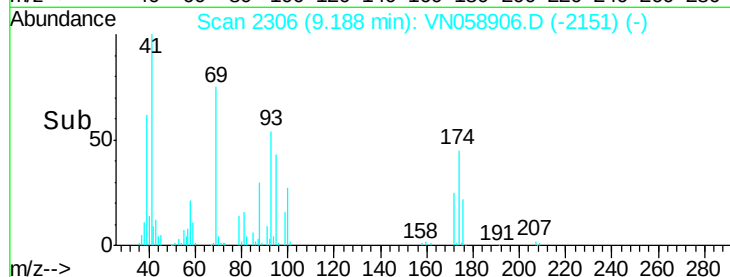
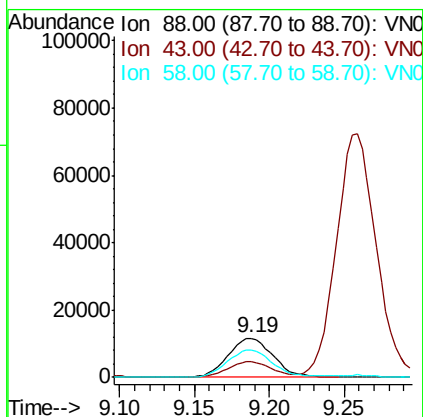
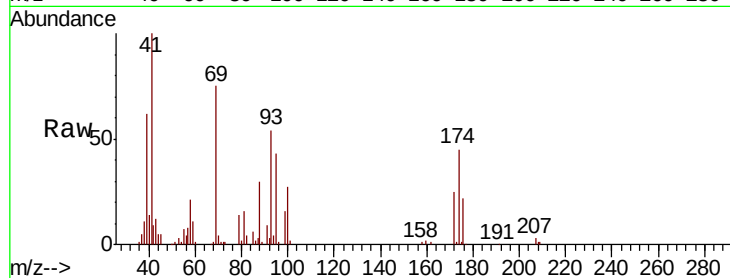


#45
 1,4-Dioxane
 Concen: 389.310 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 24105

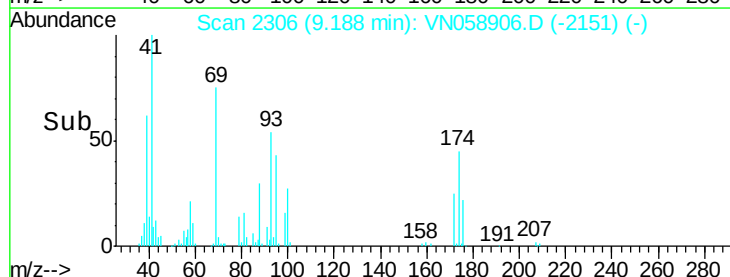
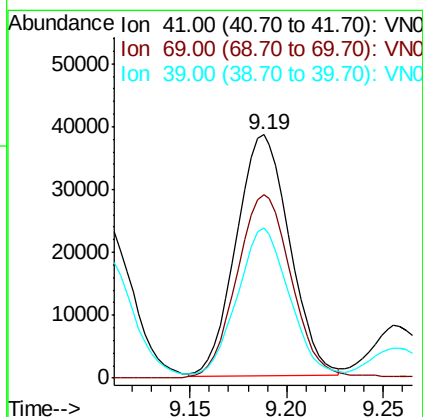
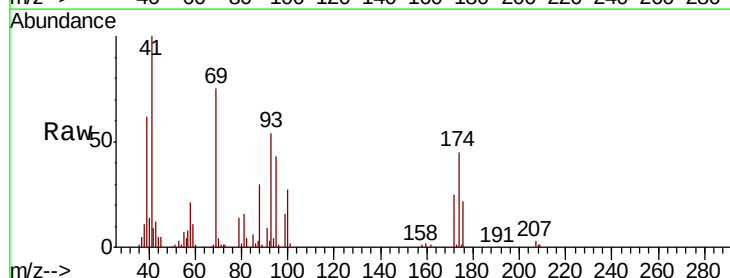
Ion	Ratio	Lower	Upper
88	100		
43	39.9	29.8	44.8
58	71.1	58.2	87.4

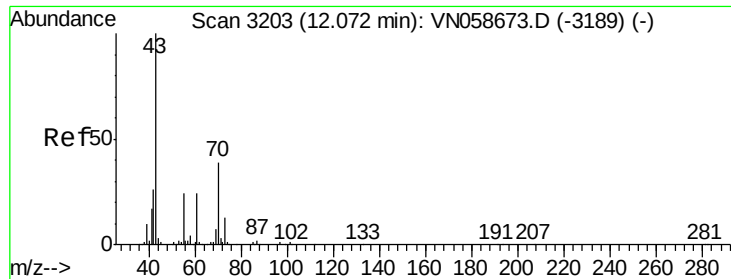


#46
 Methyl methacrylate
 Concen: 19.992 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion: 41 Resp: 74007

Ion	Ratio	Lower	Upper
41	100		
69	75.8	40.2	120.5
39	61.1	29.9	89.8





#47

n-amvl Acetate

Concen: 18.456 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

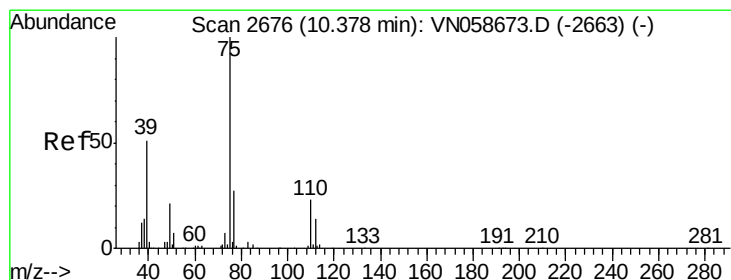
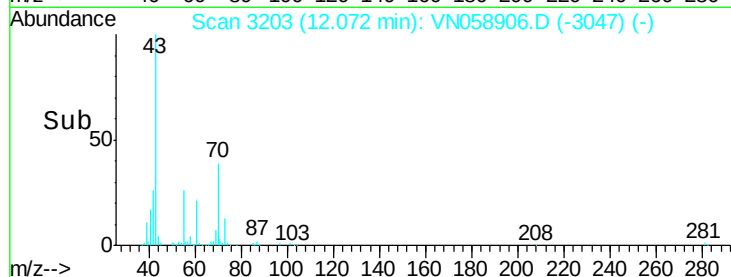
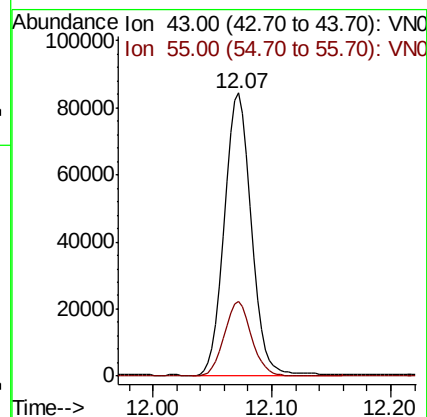
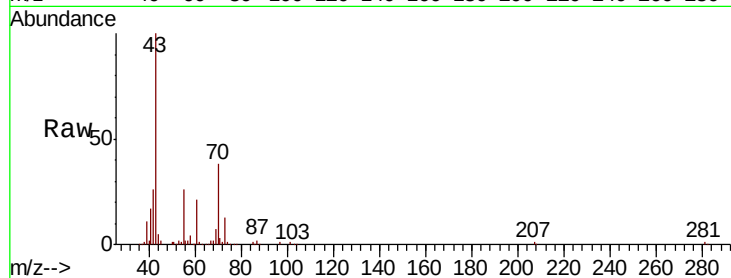
ClientSampleId :

Tot Ion: 43 Resp: 131927

Ion Ratio Lower Upper

43 100

55 26.6 19.6 29.4



#48

t-1,3-Dichloropropene

Concen: 20.868 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058906.D

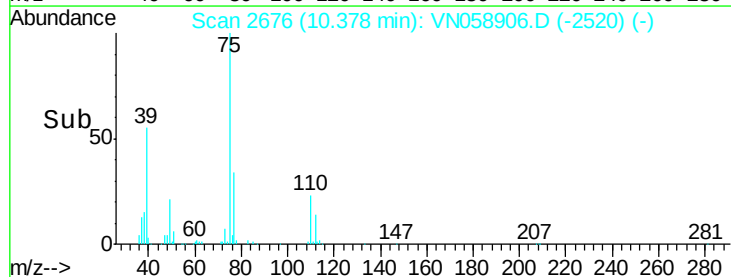
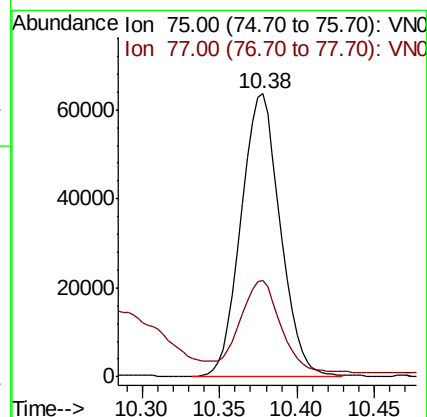
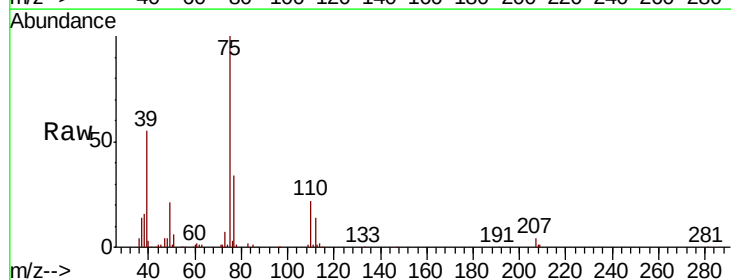
Acq: 22 Oct 2019 14:11

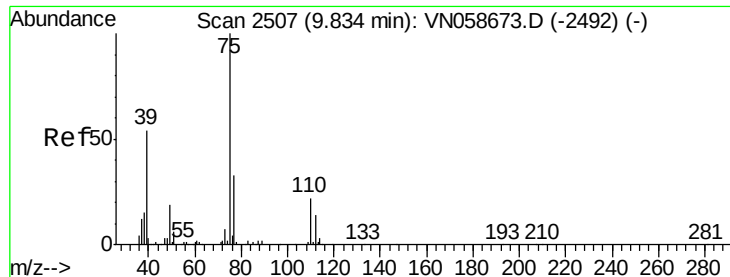
Tgt Ion: 75 Resp: 112707

Ion Ratio Lower Upper

75 100

77 32.2 27.0 40.4



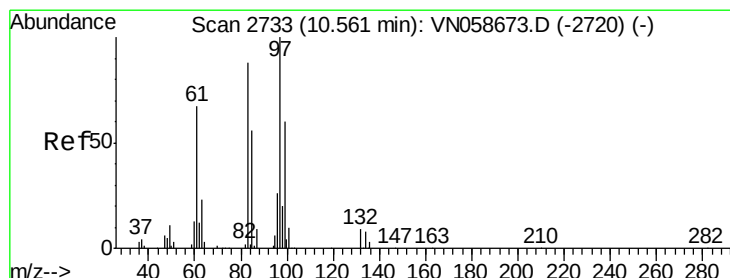
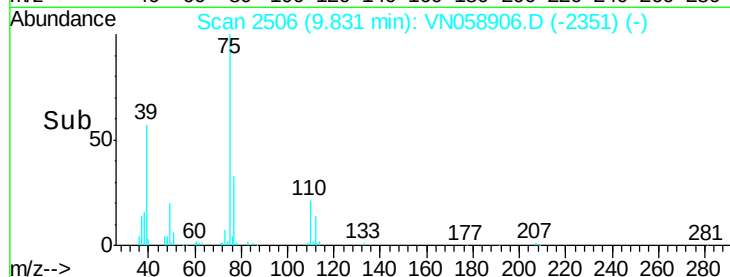
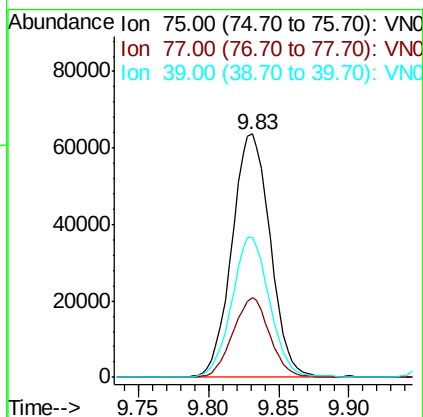
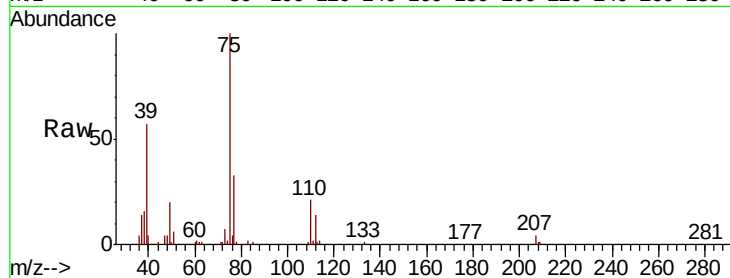


#49

cis-1,3-Dichloropropene
 Concen: 21.417 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :

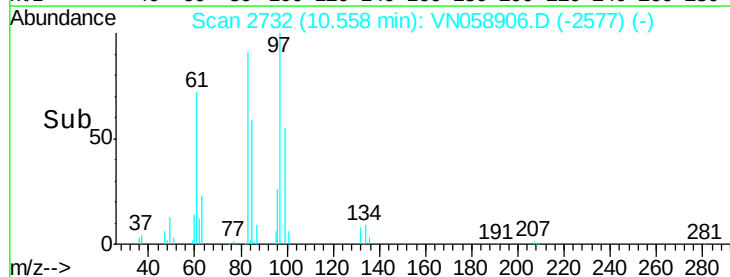
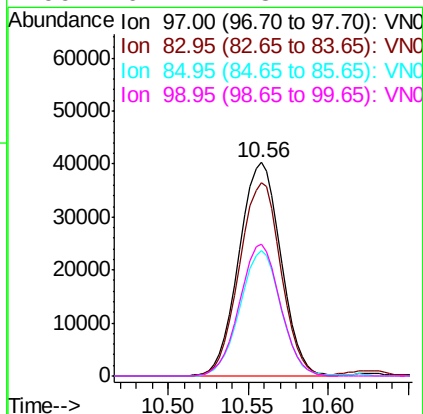
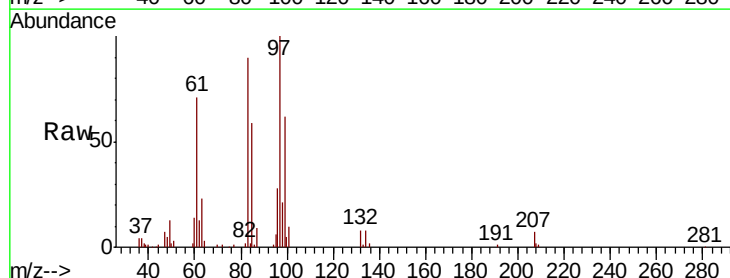
Tot Ion:	75	Resp:	121465
Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.1	39.1
39	57.5	43.1	64.7

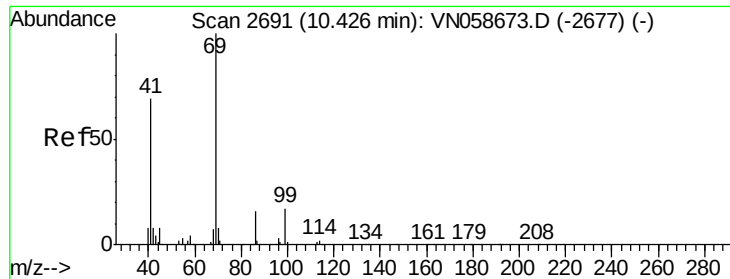


#50

1,1,2-Trichloroethane
 Concen: 22.244 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion:	97	Resp:	72387
Ion	Ratio	Lower	Upper
97	100		
83	90.2	70.7	106.1
85	58.8	45.1	67.7
99	61.7	48.2	72.4





#51

Ethyl methacrylate

Concen: 18.709 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

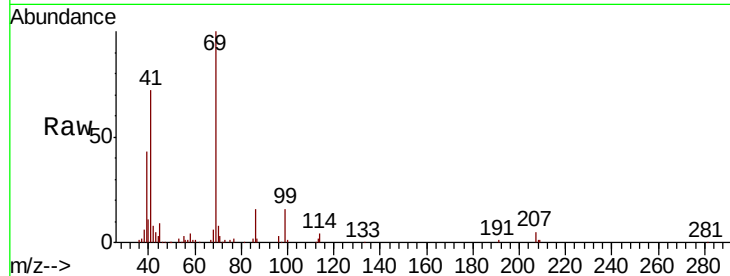
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 69 Resp: 97355

Ion	Ratio	Lower	Upper
69	100		
41	71.2	34.7	104.1
39	41.9	20.3	60.8

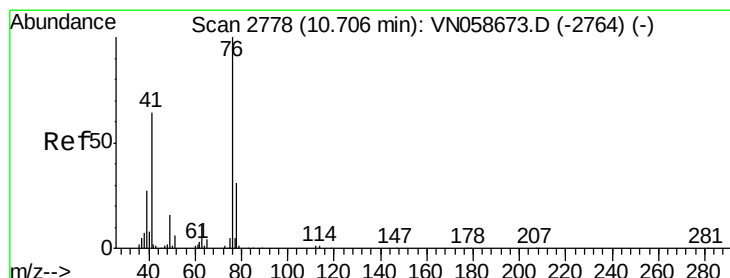
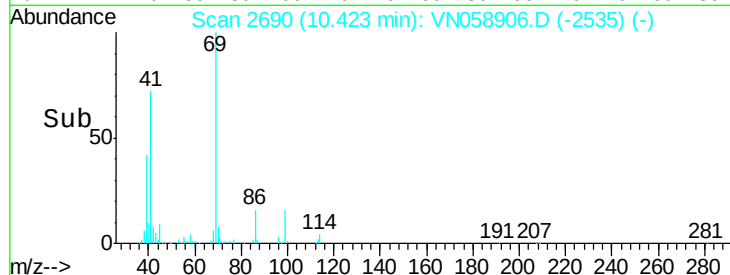


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 21.430 ug/l

RT: 10.70 min Scan# 2777

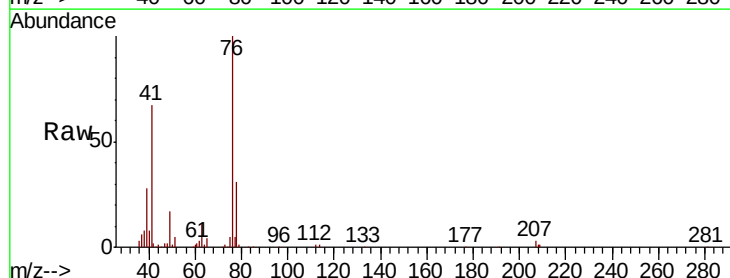
Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Tgt Ion: 76 Resp: 124192

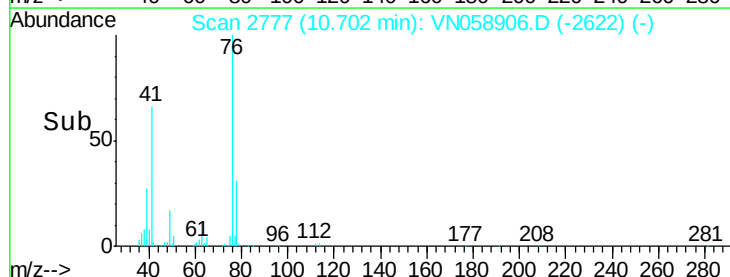
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	63.2

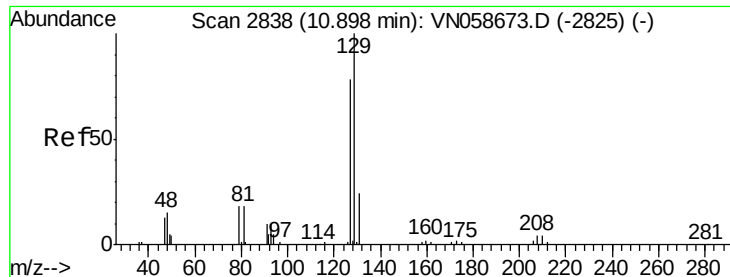


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 21.886 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

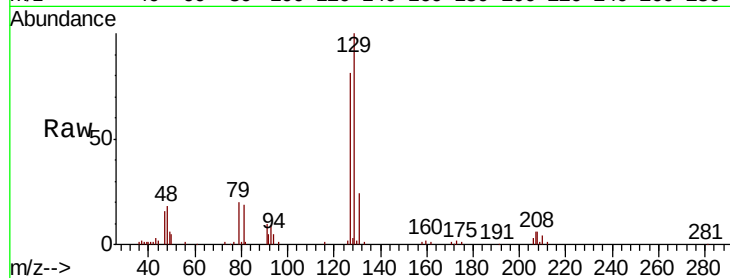
ClientSampleId :

Tot Ion:129 Resp: 76432

Ion Ratio Lower Upper

129 100

127 77.4 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

40000

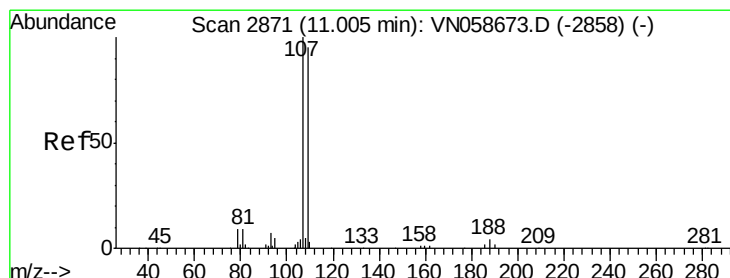
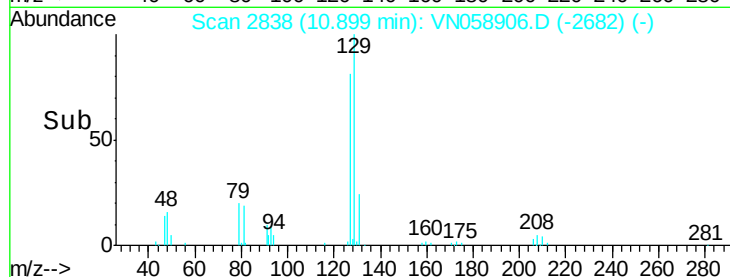
30000

20000

10000

0

Time--> 10.85 10.90 10.95



#54

1,2-Dibromoethane

Concen: 21.286 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN058906.D

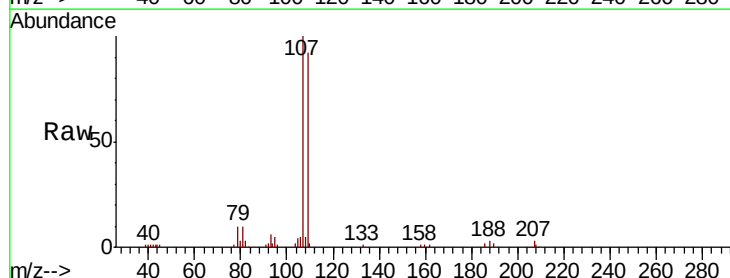
Acq: 22 Oct 2019 14:11

Tgt Ion:107 Resp: 71797

Ion Ratio Lower Upper

107 100

109 93.8 76.2 114.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.00

40000

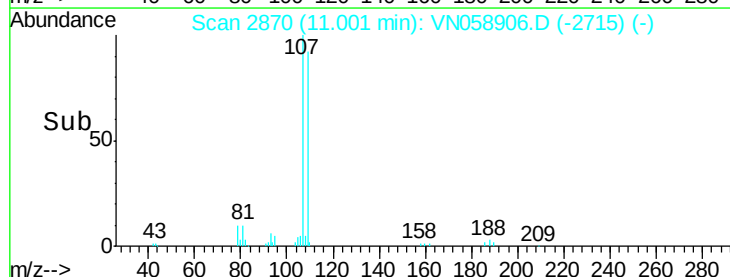
30000

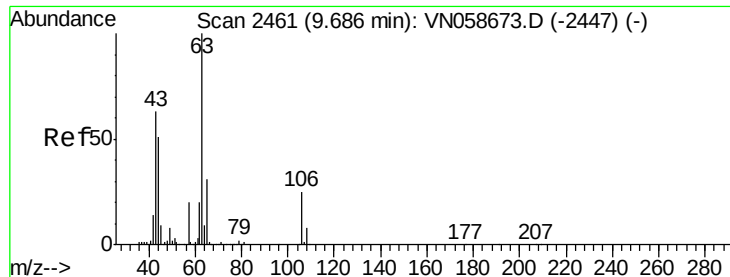
20000

10000

0

Time--> 10.95 11.00 11.05 11.10

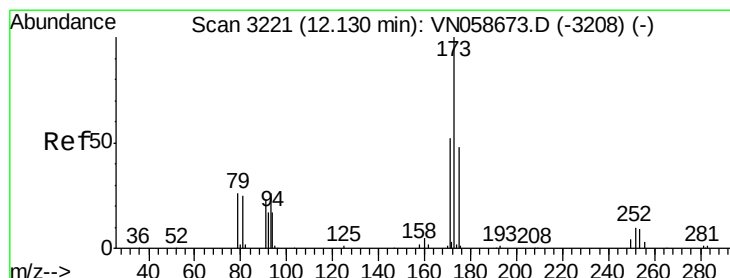
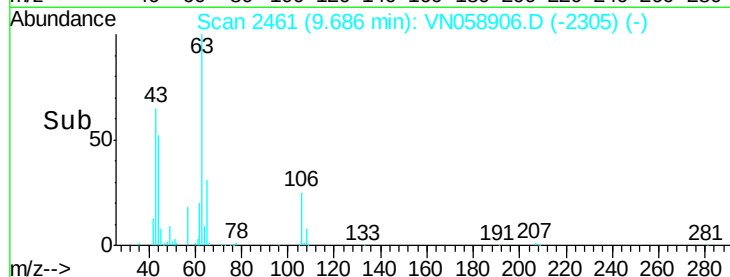
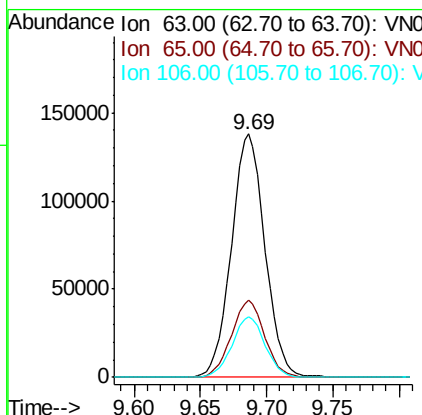
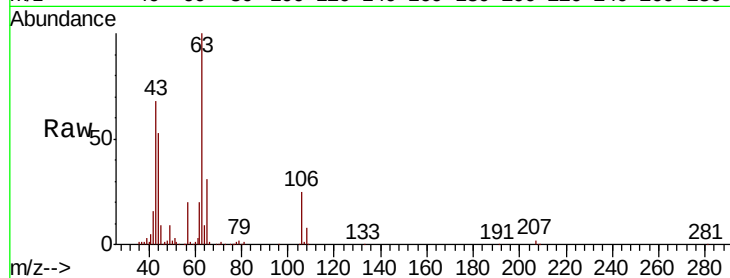




#55
2-Chloroethyl vinyl ether
Concen: 93.640 ug/l
RT: 9.69 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

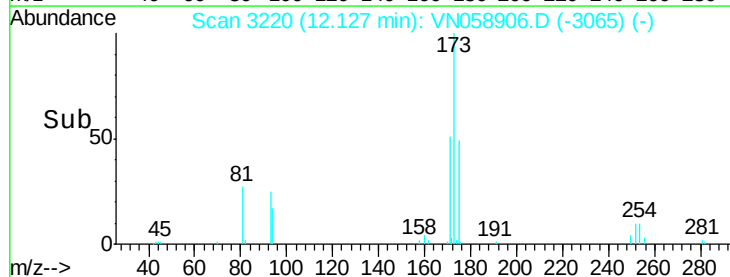
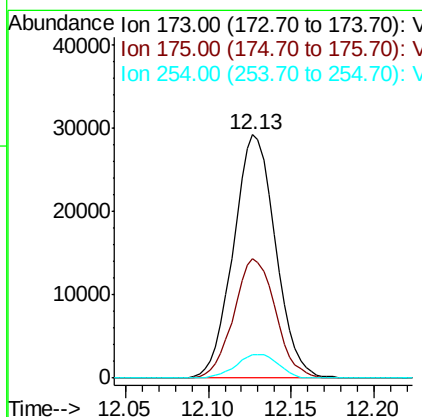
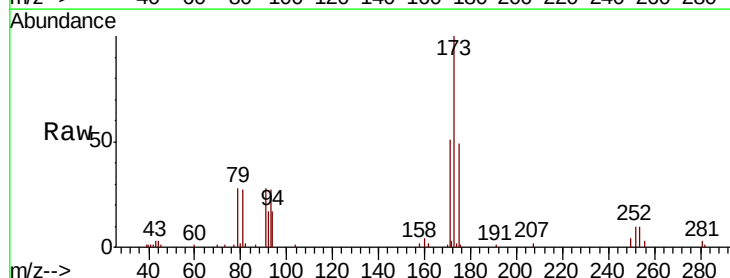
Instrument :
MSVOA_N
ClientSampleId :

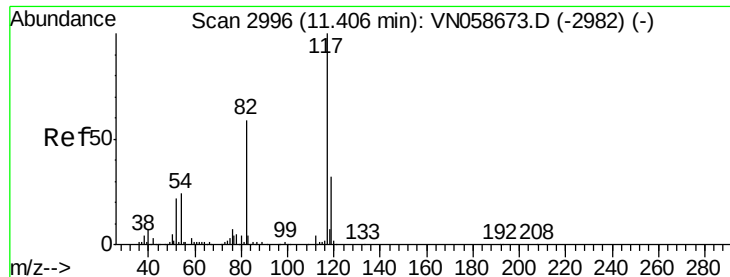
Tot Ion: 63 Resp: 242375
Ion Ratio Lower Upper
63 100
65 31.3 25.3 37.9
106 24.5 19.8 29.6



#56
Bromoform
Concen: 21.288 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 173 Resp: 51791
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 9.8 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

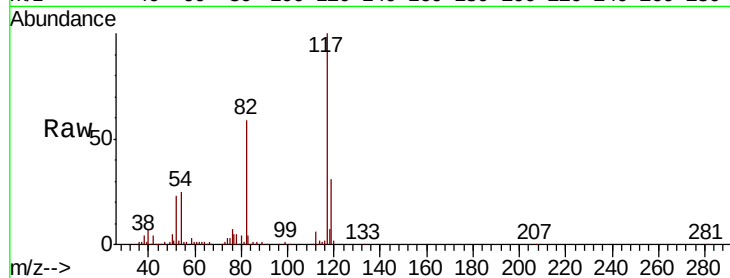
Tot Ion:117 Resp: 268475

Ion Ratio Lower Upper

117 100

82 58.9 46.9 70.3

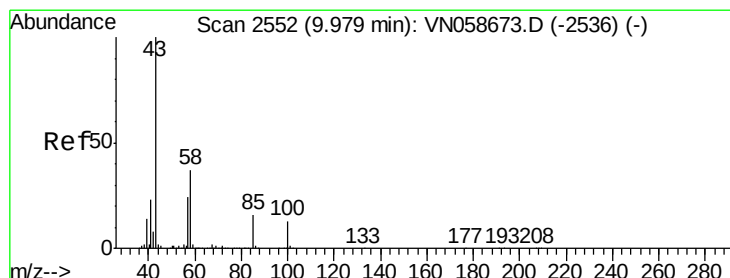
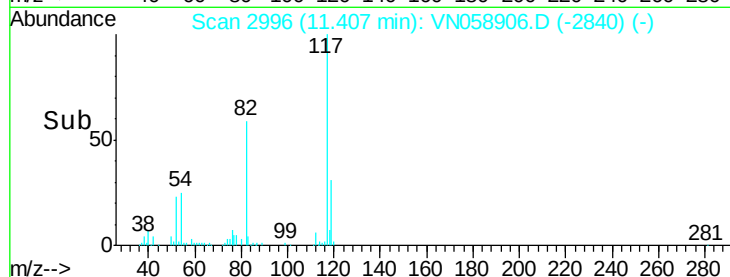
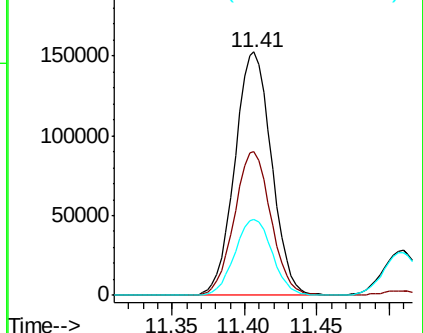
119 31.8 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 105.480 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

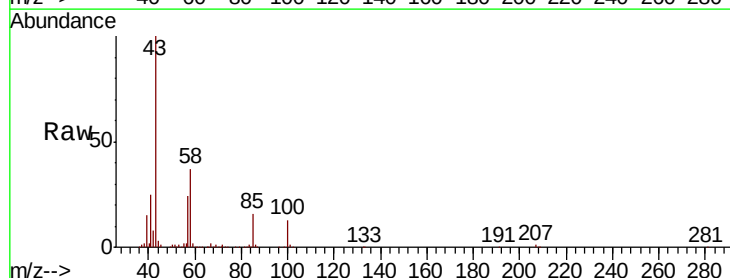
Tgt Ion: 43 Resp: 516611

Ion Ratio Lower Upper

43 100

58 36.3 30.1 45.1

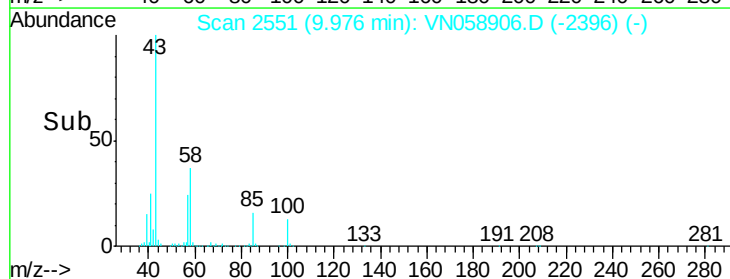
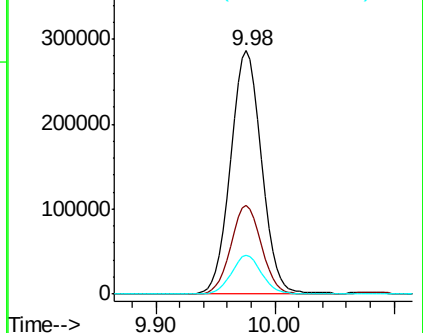
85 15.7 13.2 19.8

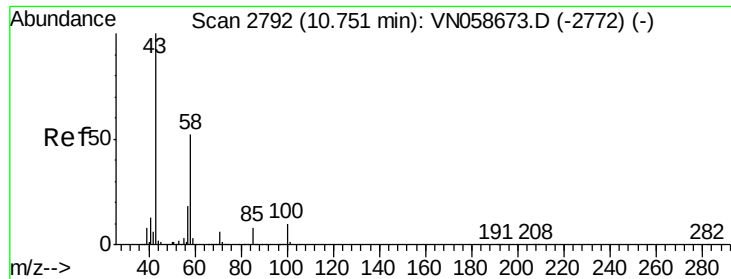


Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

Ion 85.00 (84.70 to 85.70): VN

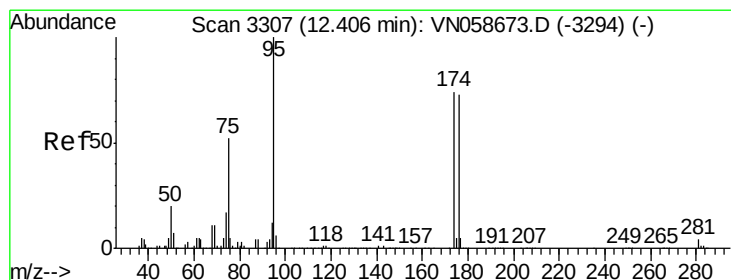
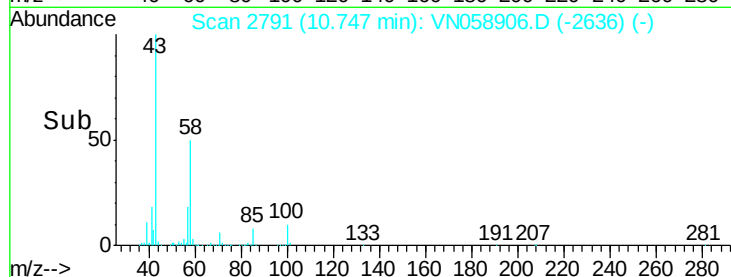
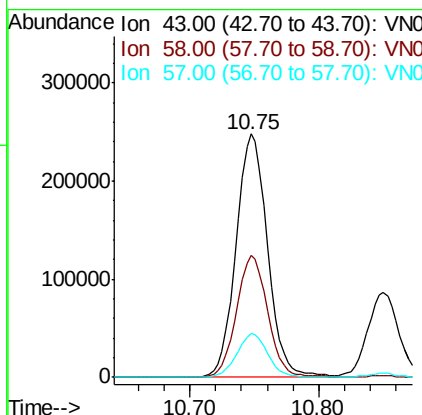
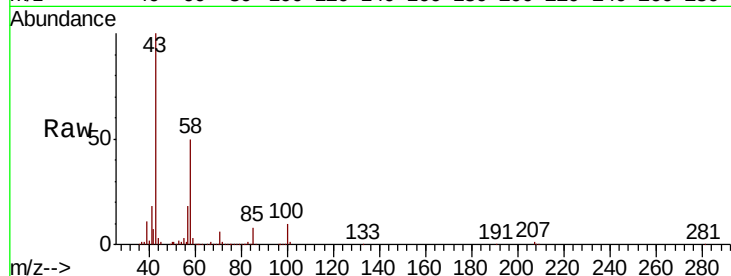




#59
2-Hexanone
Concen: 109.379 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

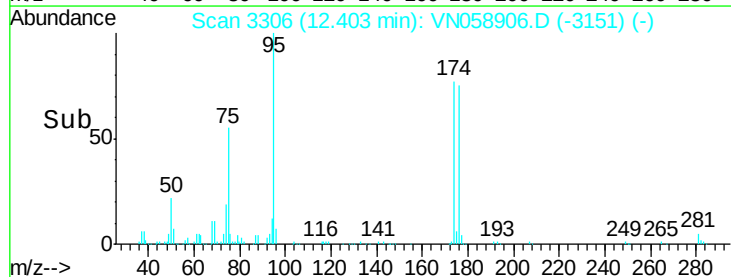
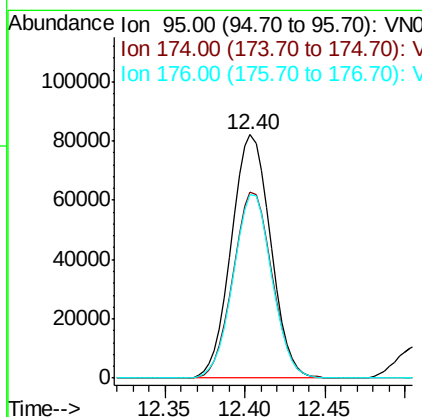
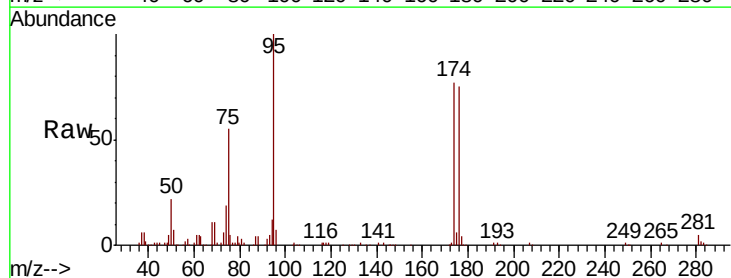
Instrument :
MSVOA_N
ClientSampleId :

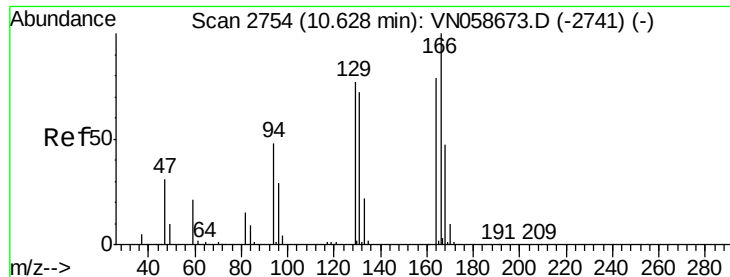
Tot Ion: 43 Resp: 419976
Ion Ratio Lower Upper
43 100
58 49.9 41.4 62.0
57 17.7 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.290 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 95 Resp: 137554
Ion Ratio Lower Upper
95 100
174 76.0 59.9 89.9
176 74.3 58.3 87.5

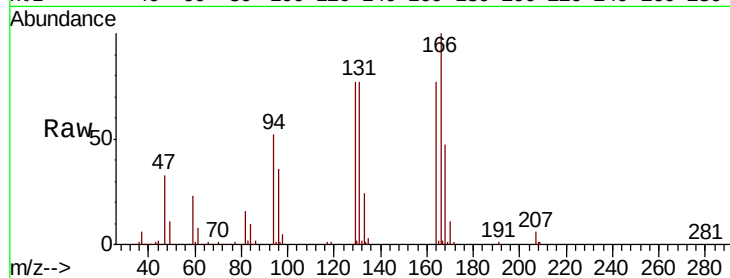




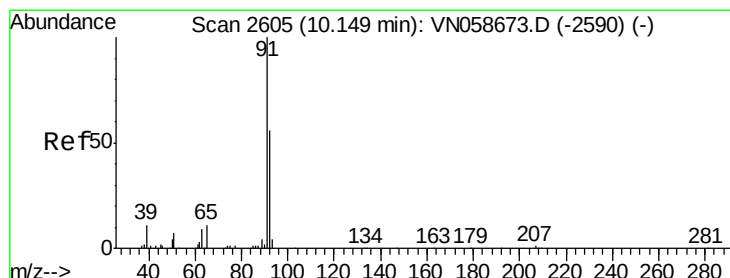
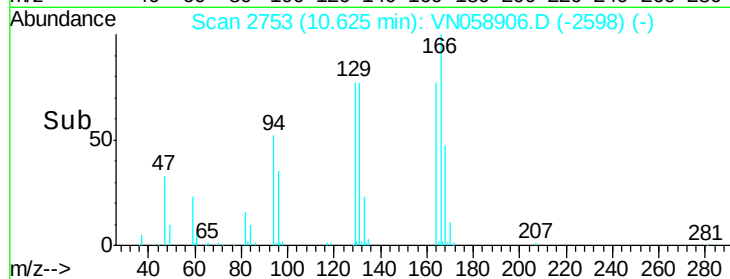
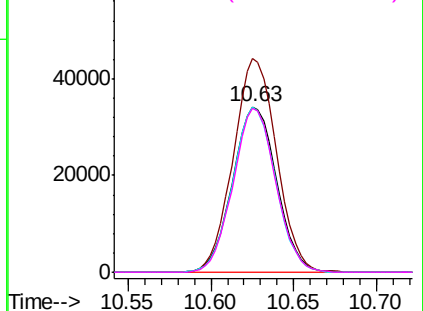
#61
Tetrachloroethene
Concen: 21.763 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:164 Resp: 63139
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.2
129 100.0 78.1 117.1
131 99.1 73.2 109.8

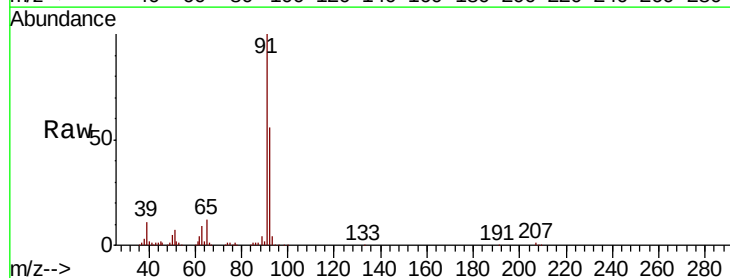


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

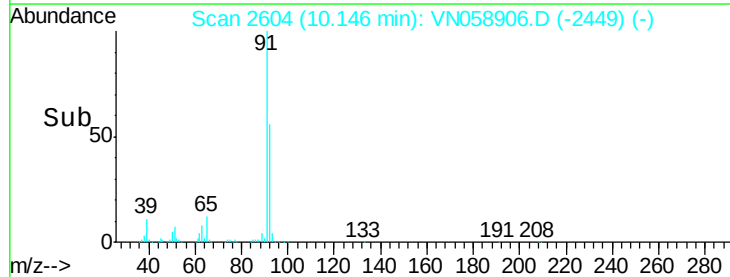
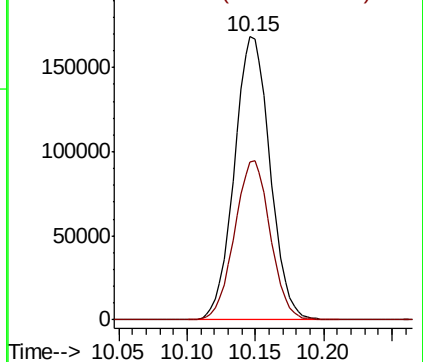


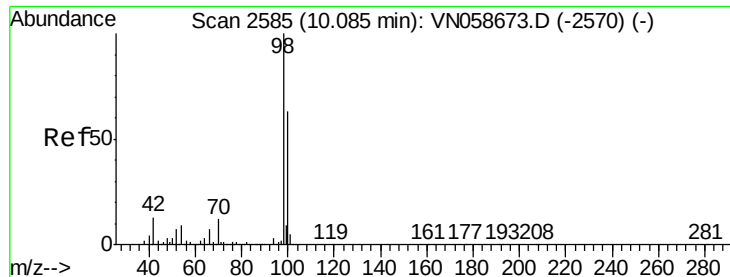
#62
Toluene
Concen: 21.205 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 91 Resp: 306237
Ion Ratio Lower Upper
91 100
92 56.3 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 31.282 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

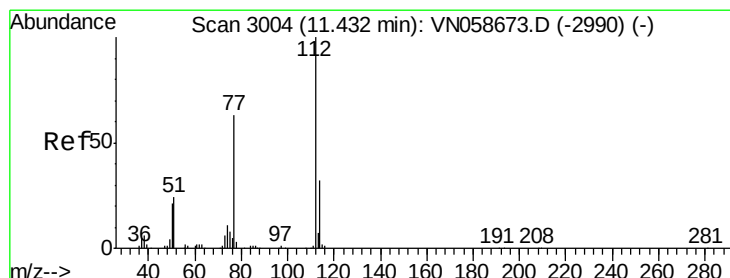
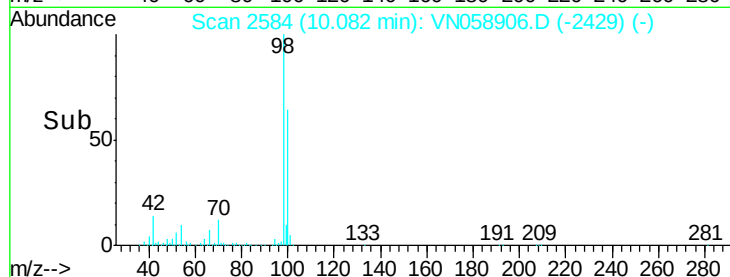
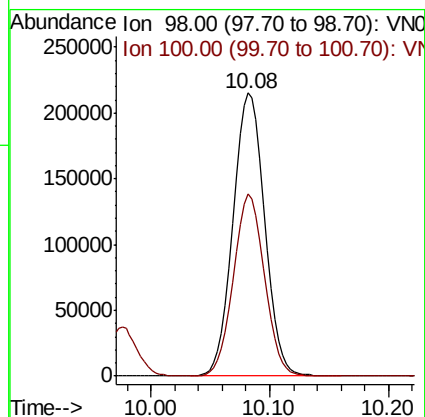
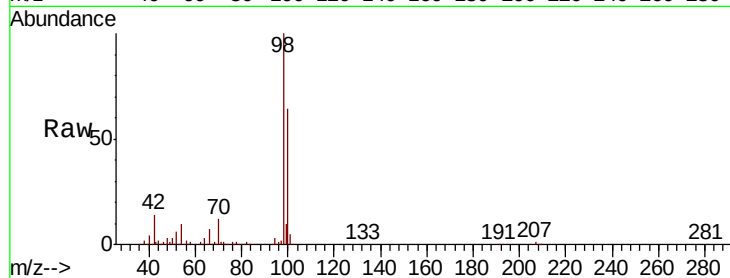
ClientSampleId :

Tot Ion: 98 Resp: 396536

Ion Ratio Lower Upper

98 100

100 62.9 50.6 75.8



#64

Chlorobenzene

Concen: 20.659 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN058906.D

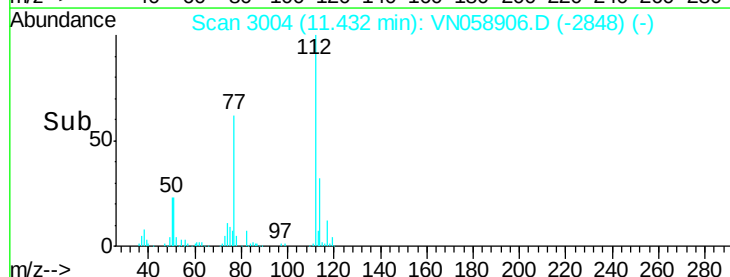
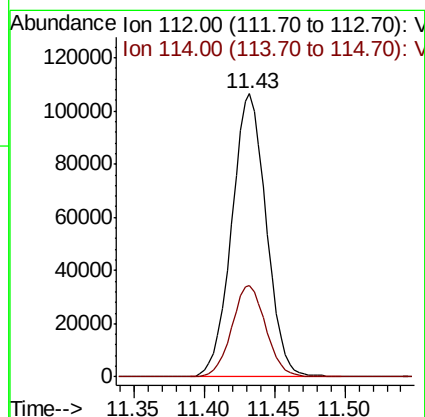
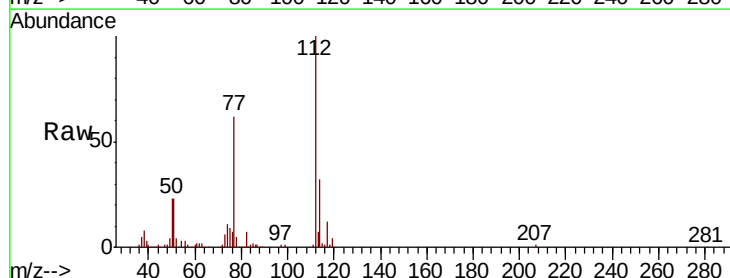
Acq: 22 Oct 2019 14:11

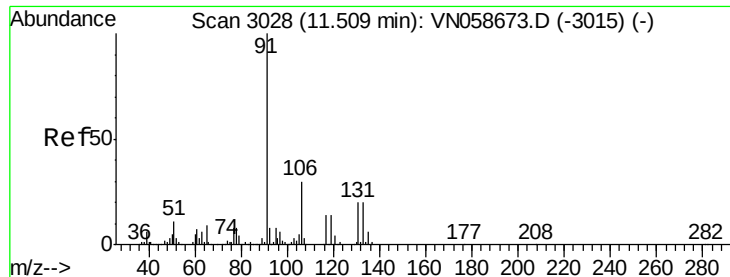
Tgt Ion: 112 Resp: 182406

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5

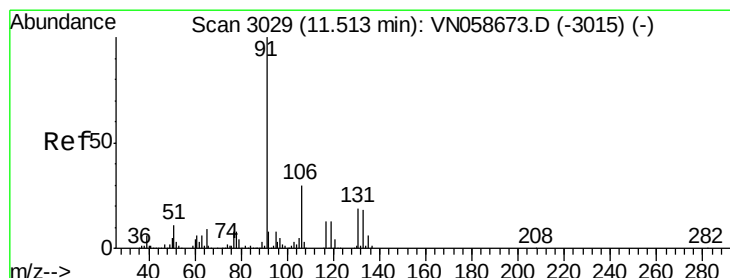
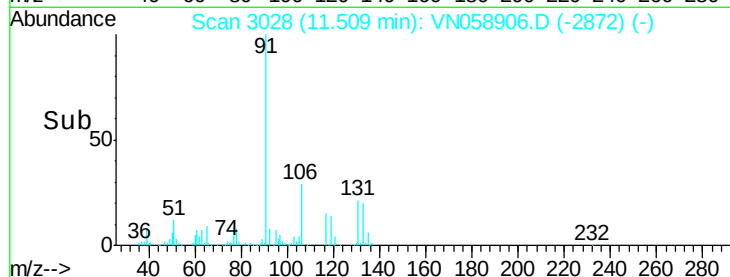
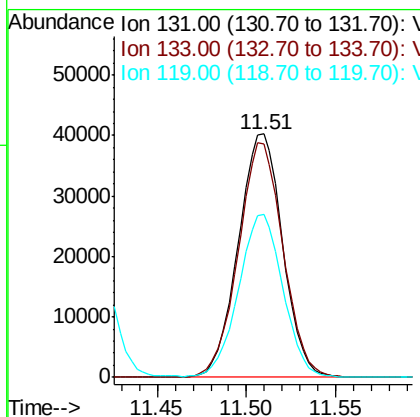
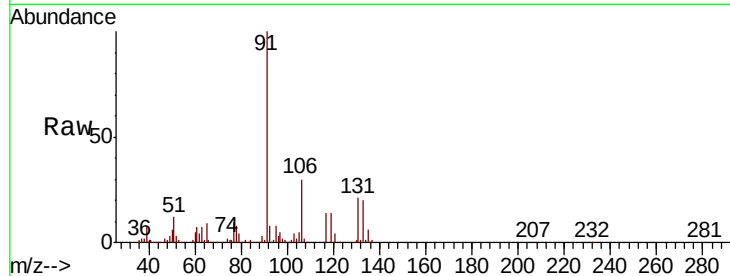




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.041 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

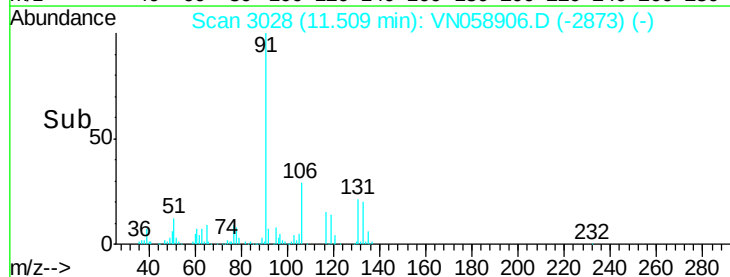
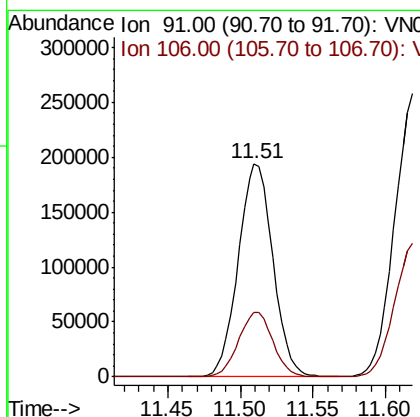
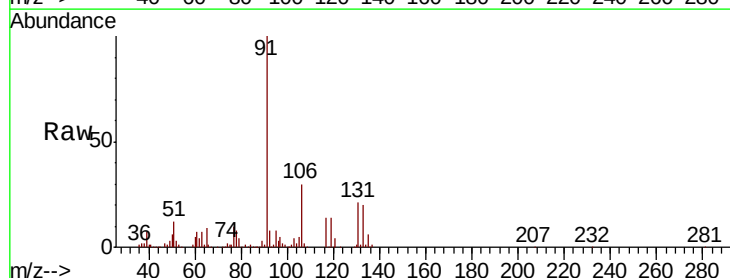
Instrument :
 MSVOA_N
 ClientSampleId :

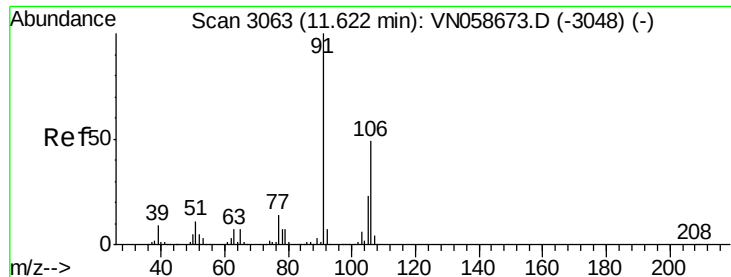
Tot Ion:131 Resp: 69661
 Ion Ratio Lower Upper
 131 100
 133 97.2 0.0 194.0
 119 67.0 0.0 136.8



#66
 Ethyl Benzene
 Concen: 20.209 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion: 91 Resp: 323156
 Ion Ratio Lower Upper
 91 100
 106 30.2 24.2 36.4

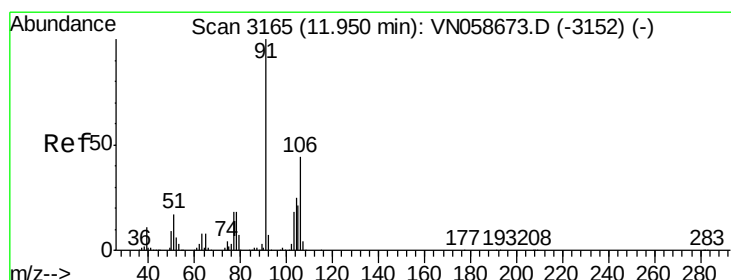
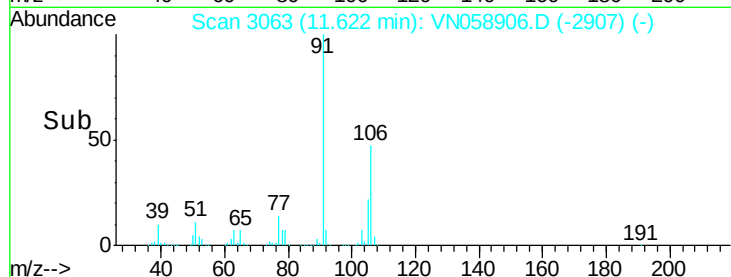
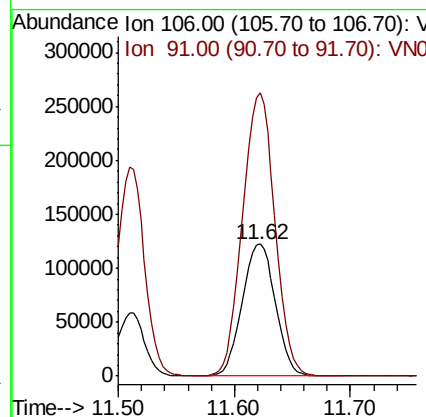
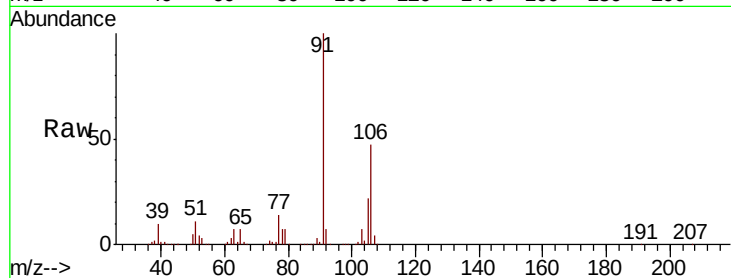




#67
m/p-Xylenes
Concen: 40.685 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

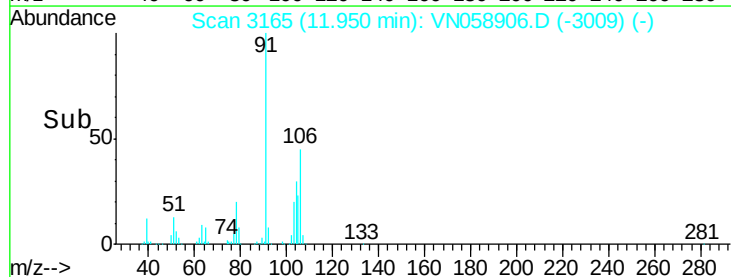
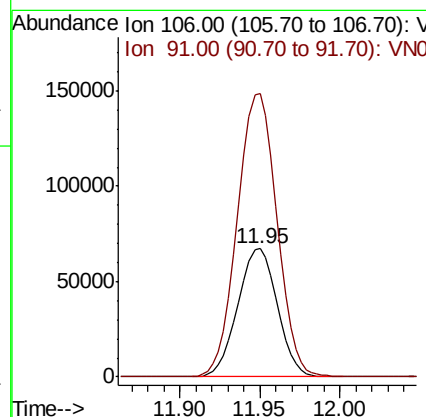
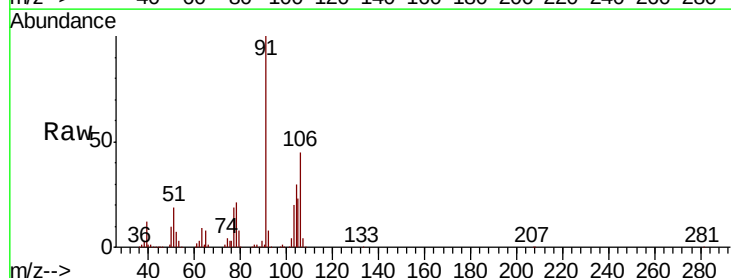
Instrument :
MSVOA_N
ClientSampleId :

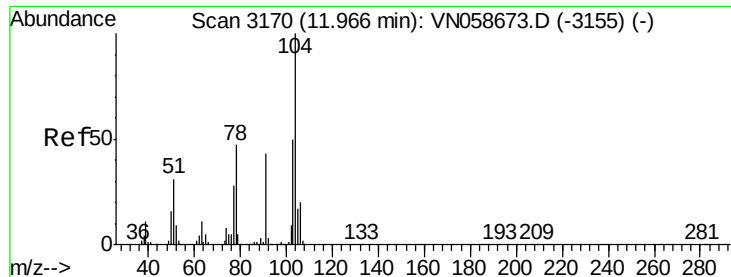
Tot Ion:106 Resp: 243060
Ion Ratio Lower Upper
106 100
91 209.4 165.6 248.4



#68
o-Xylene
Concen: 19.593 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion:106 Resp: 113478
Ion Ratio Lower Upper
106 100
91 221.7 109.8 329.4

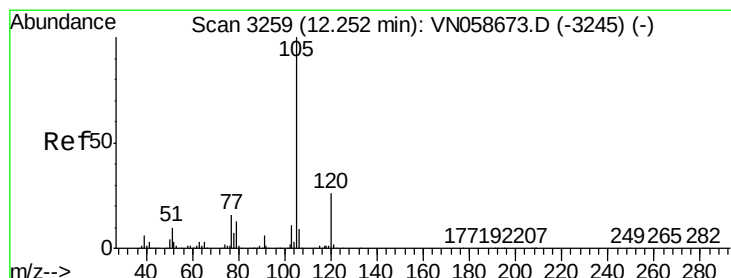
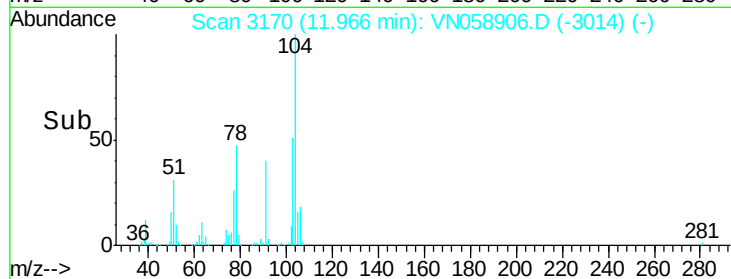
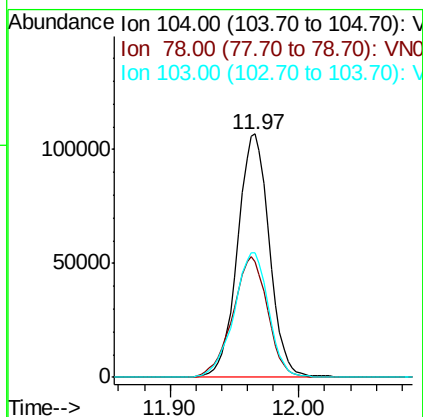
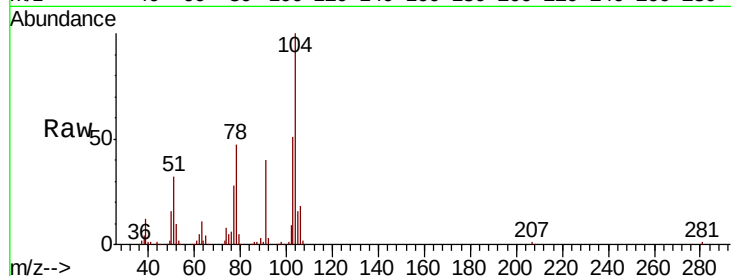




#69
Stvrene
Concen: 19.160 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

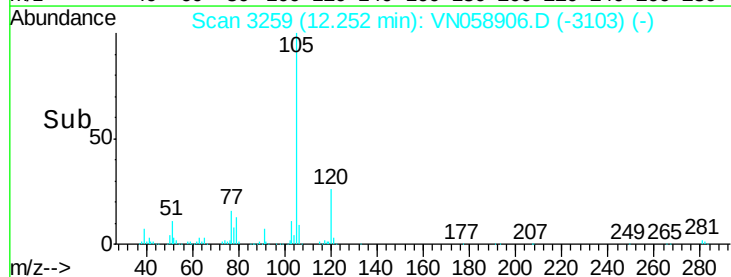
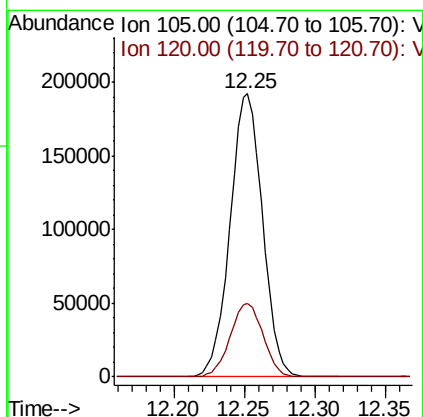
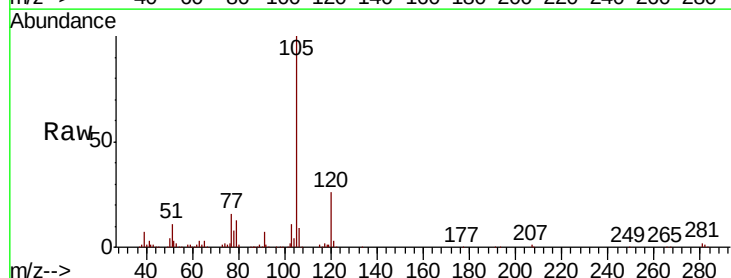
Instrument :
MSVOA_N
ClientSampled :

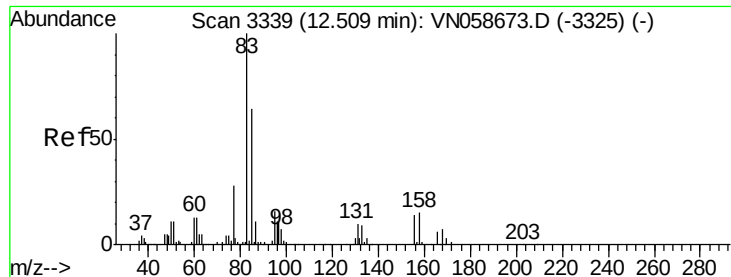
Tot Ion:104 Resp: 183328
Ion Ratio Lower Upper
104 100
78 54.2 42.4 63.6
103 55.9 44.6 66.8



#70
Isopropylbenzene
Concen: 19.793 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion:105 Resp: 309500
Ion Ratio Lower Upper
105 100
120 26.6 18.4 34.2

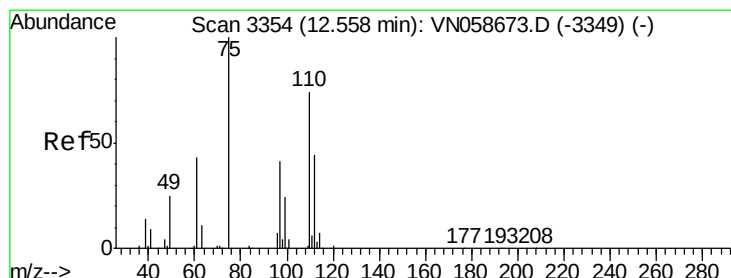
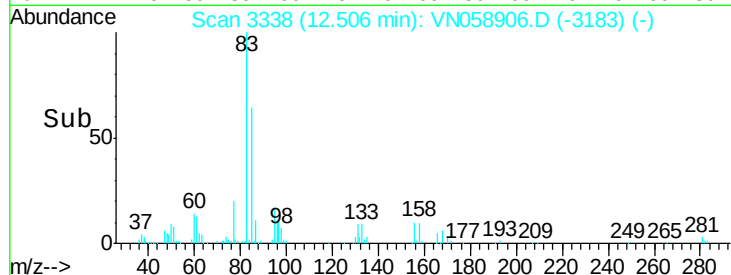
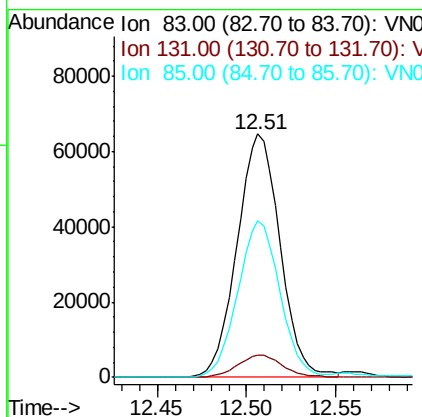
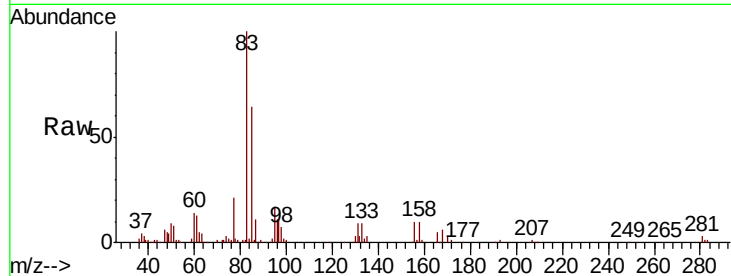




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.638 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

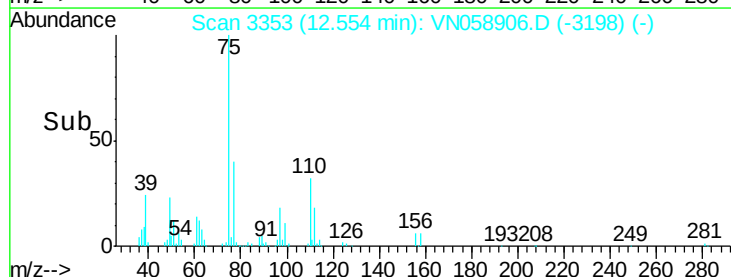
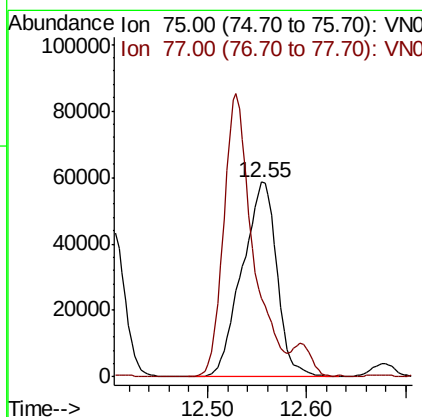
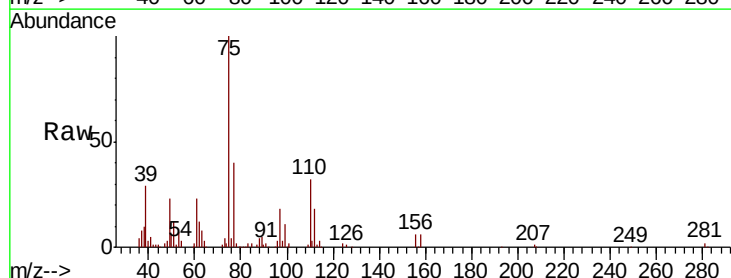
Instrument :
 MSVOA_N
 ClientSampleId :

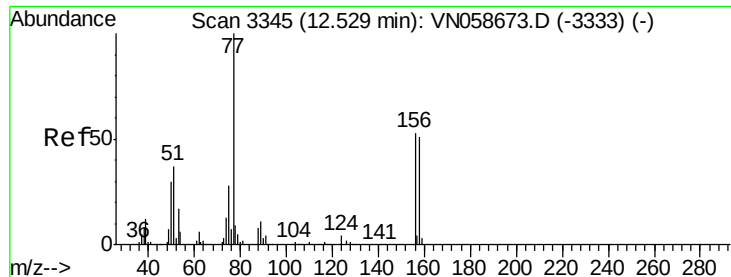
Tot Ion	83	Resp	108643
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	62.8	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 30.099 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	75	Resp	143572
Ion Ratio	Lower	Upper	
75	100		
77	123.8	0.0	359.4





#73

Bromobenzene

Concen: 20.235 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

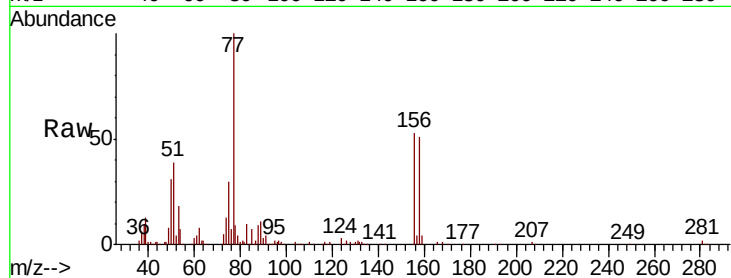
Tot Ion:156 Resp: 76855

Ion Ratio Lower Upper

156 100

77 231.2 0.0 456.0

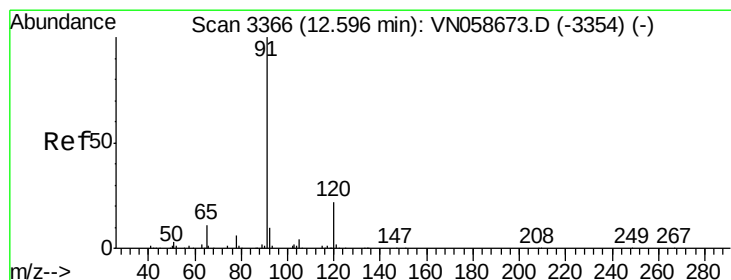
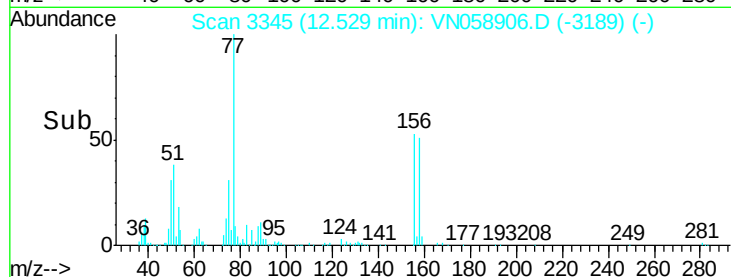
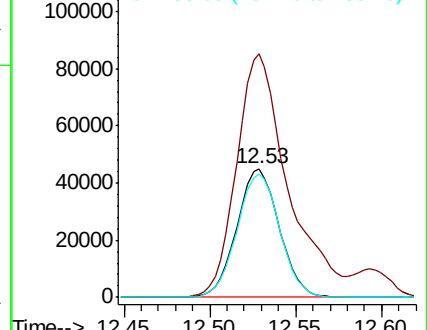
158 96.8 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.627 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN058906.D

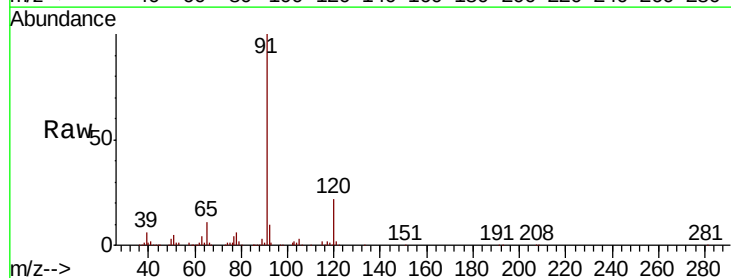
Acq: 22 Oct 2019 14:11

Tgt Ion: 91 Resp: 377534

Ion Ratio Lower Upper

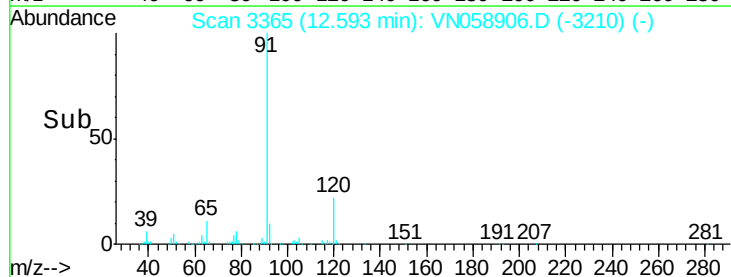
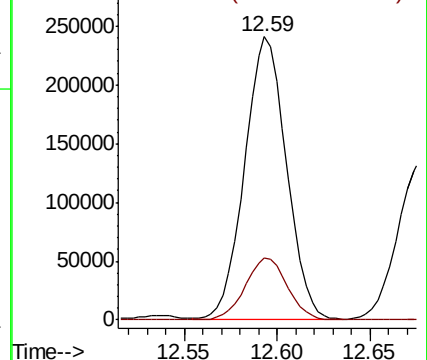
91 100

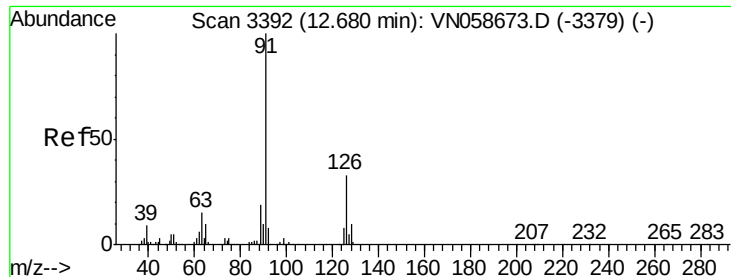
120 21.8 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.624 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

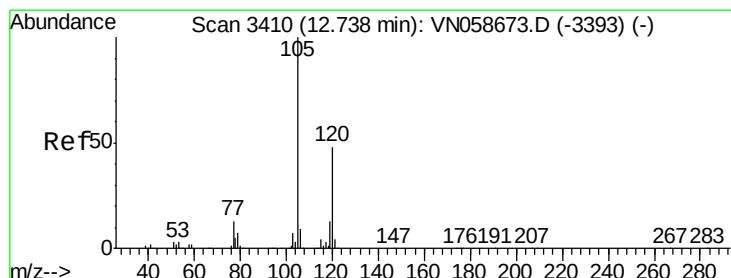
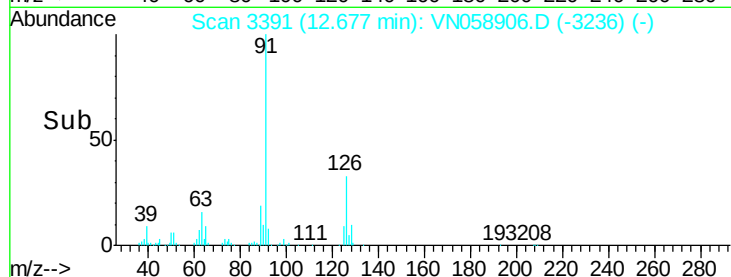
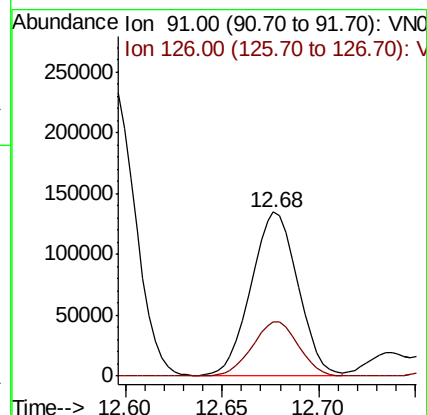
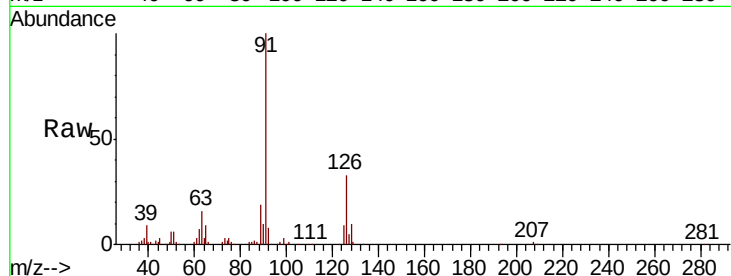
ClientSampled :

Tot Ion: 91 Resp: 227117

Ion Ratio Lower Upper

91 100

126 33.0 0.0 65.4



#76

1,3,5-Trimethylbenzene

Concen: 20.204 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058906.D

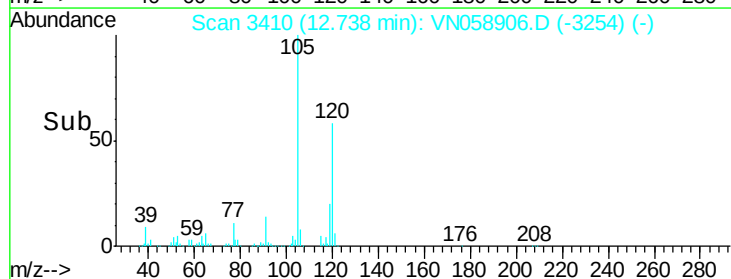
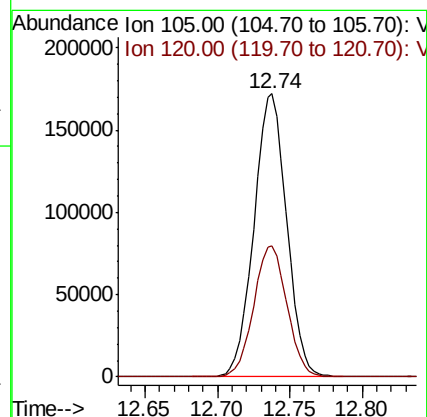
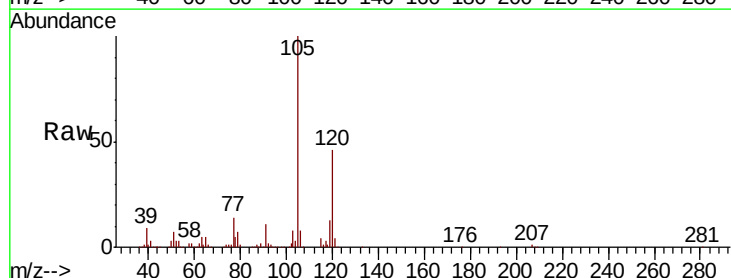
Acq: 22 Oct 2019 14:11

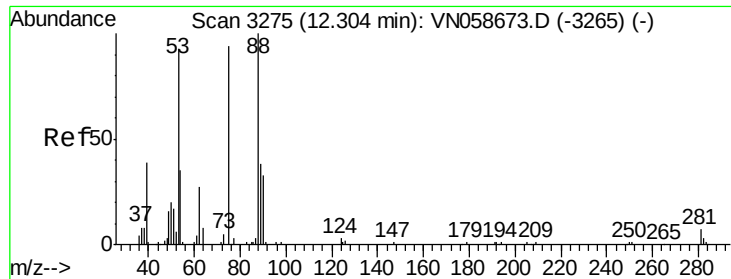
Tgt Ion: 105 Resp: 270579

Ion Ratio Lower Upper

105 100

120 46.9 0.0 94.0

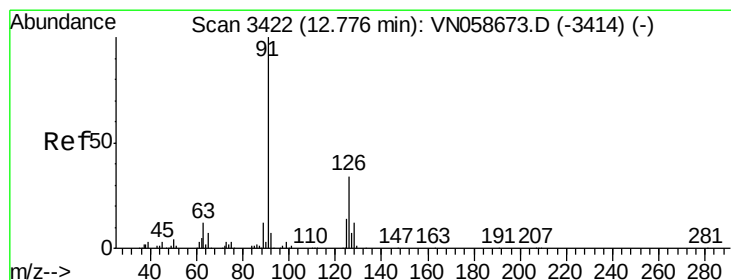
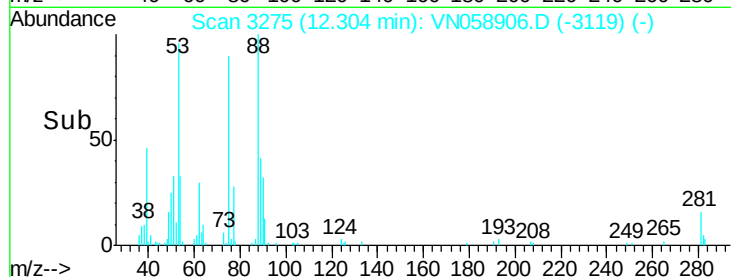
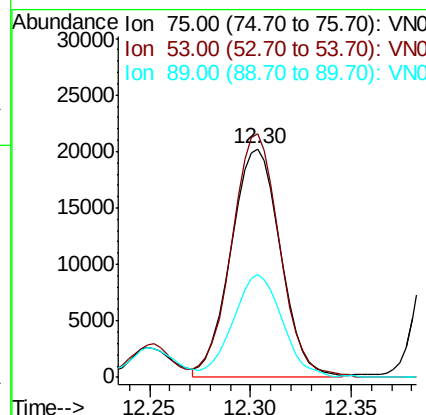
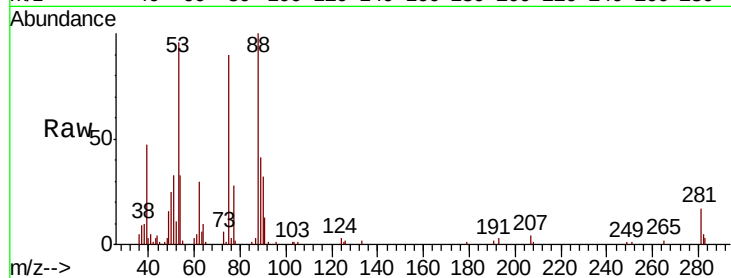




#77
t-1,4-Dichloro-2-butene
Concen: 19.210 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

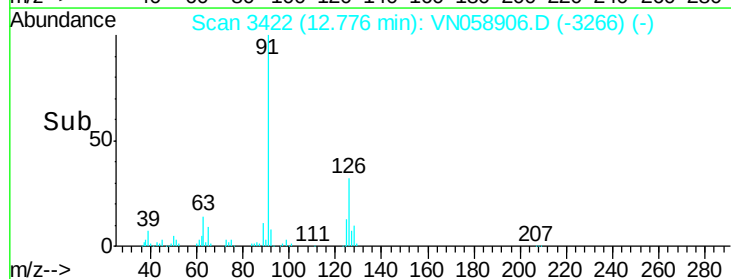
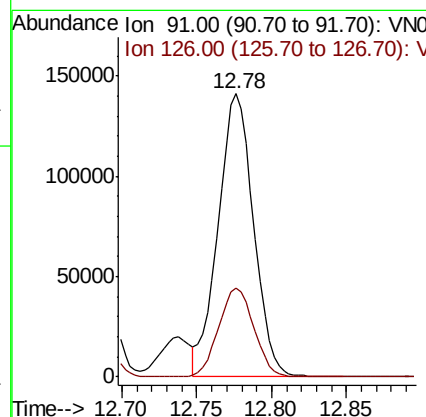
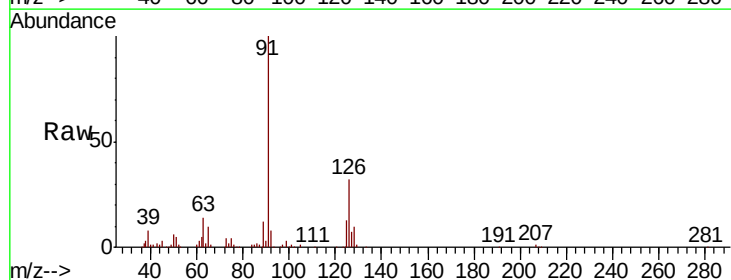
Instrument :
MSVOA_N
ClientSampled :

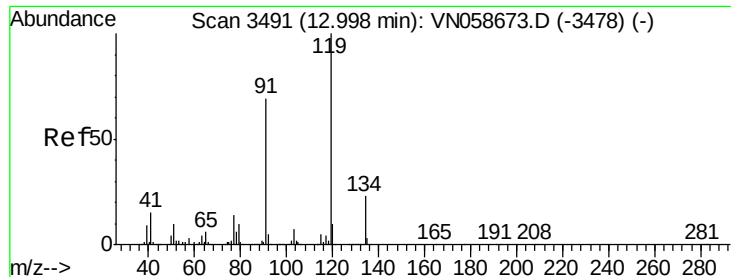
Tot Ion	Ratio	Lower	Upper
75	100		
53	105.9	50.0	150.0
89	44.7	20.7	62.1



#78
4-Chlorotoluene
Concen: 20.394 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	63.4

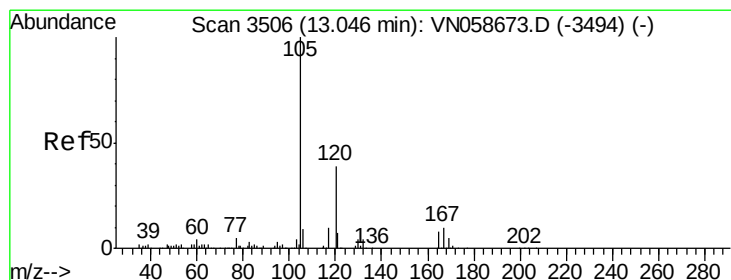
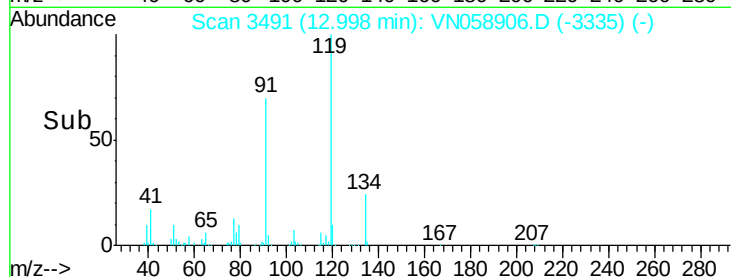
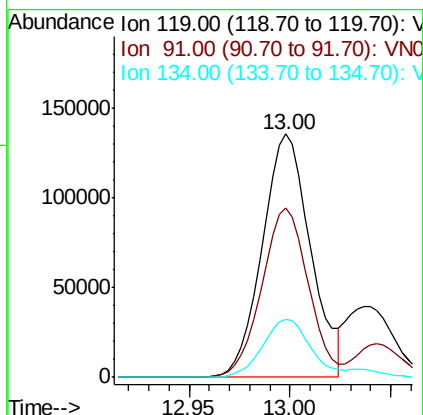
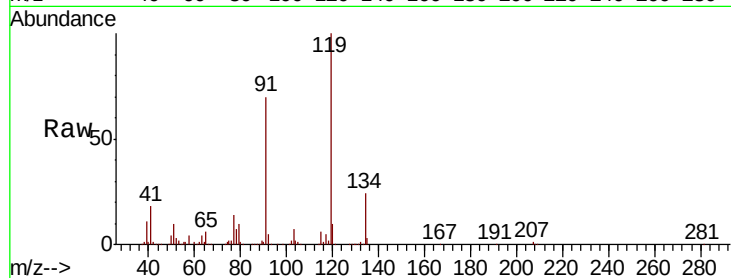




#79
tert-butylbenzene
Concen: 19.731 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

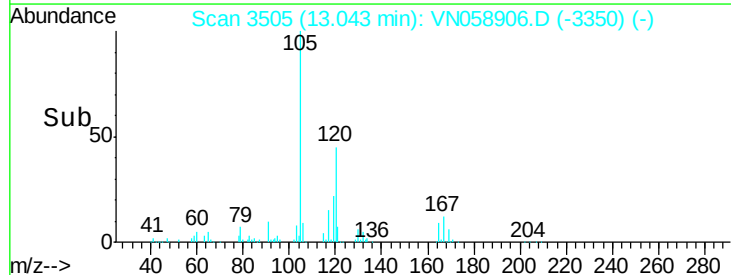
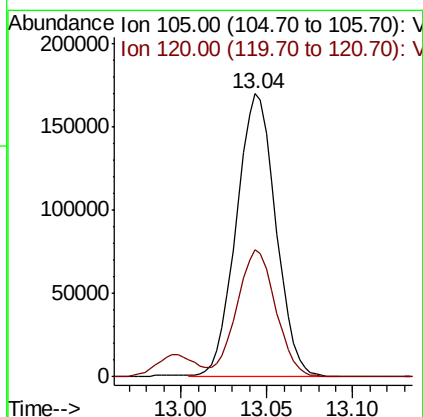
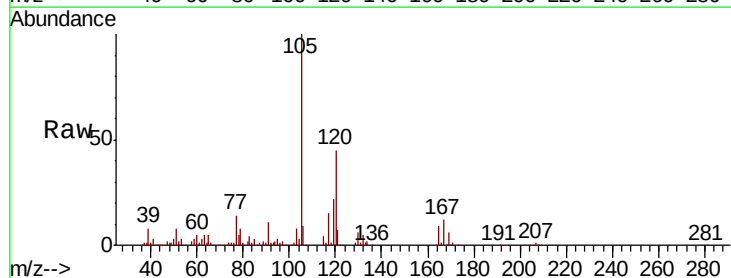
Instrument :
MSVOA_N
ClientSampleId :

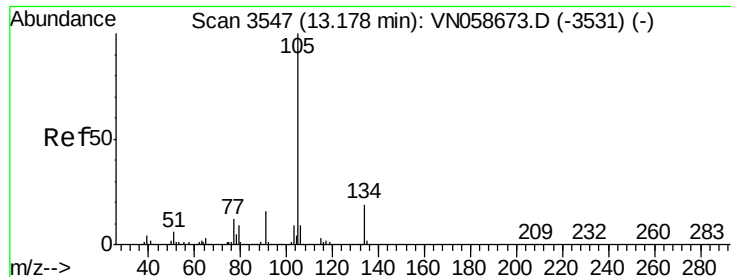
Tot Ion:119 Resp: 225757
Ion Ratio Lower Upper
119 100
91 66.9 0.0 136.4
134 23.5 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 20.269 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion:105 Resp: 269744
Ion Ratio Lower Upper
105 100
120 44.6 0.0 89.2

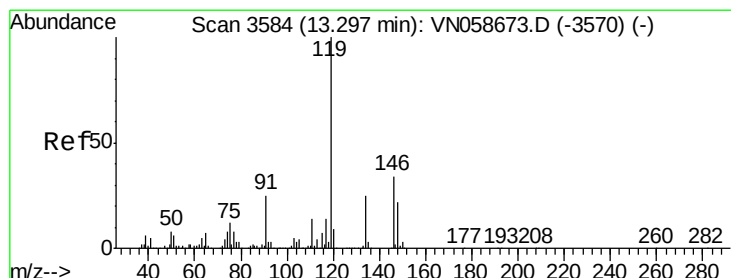
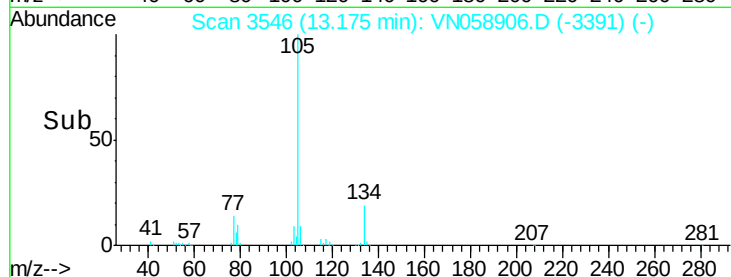
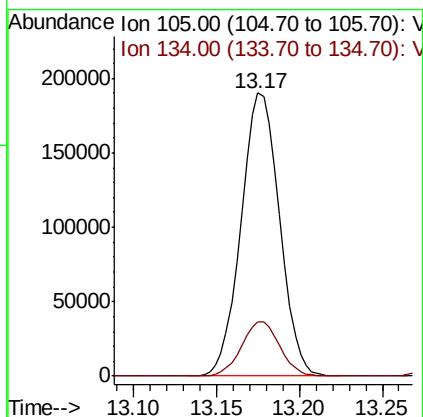
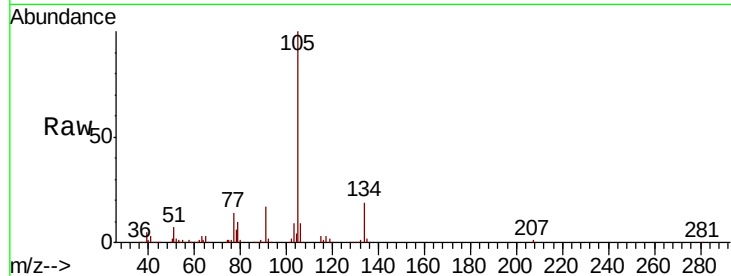




#81
 sec-Butylbenzene
 Concen: 19.907 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

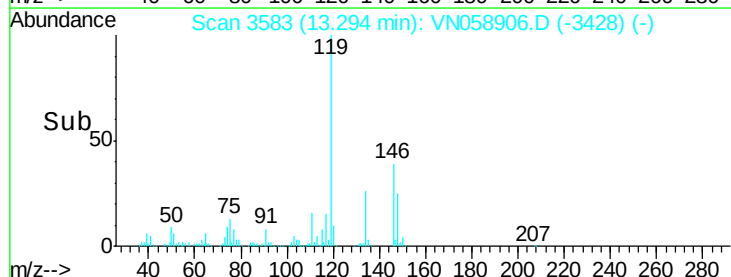
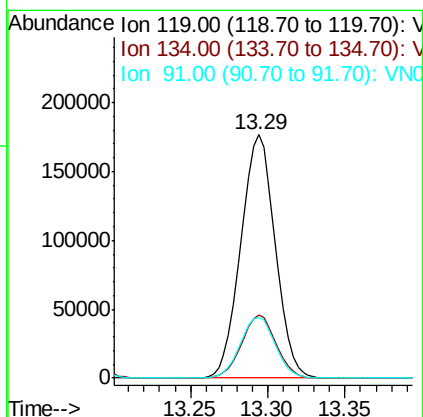
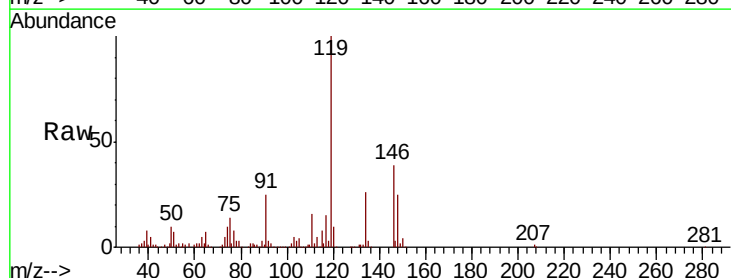
Instrument :
 MSVOA_N
 ClientSampleId :

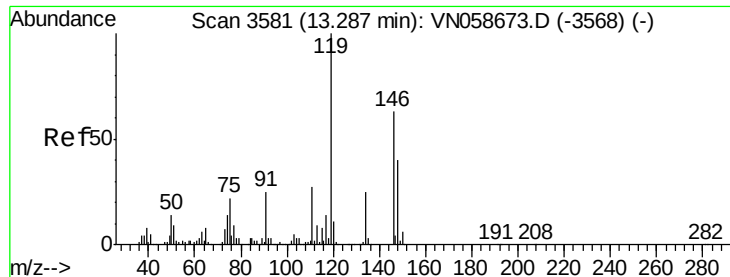
Tot Ion:105 Resp: 306546
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 19.736 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion:119 Resp: 272898
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 50.8
 91 25.6 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 20.147 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampled :

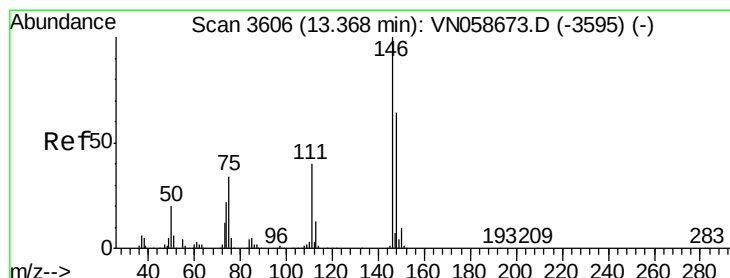
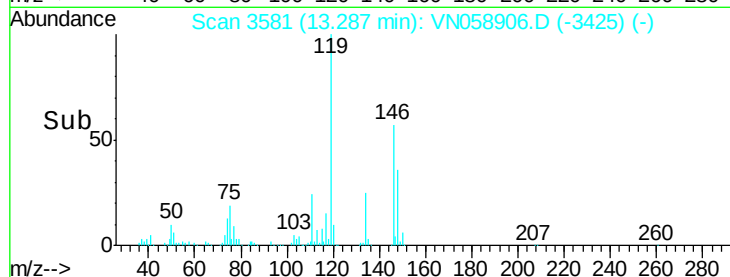
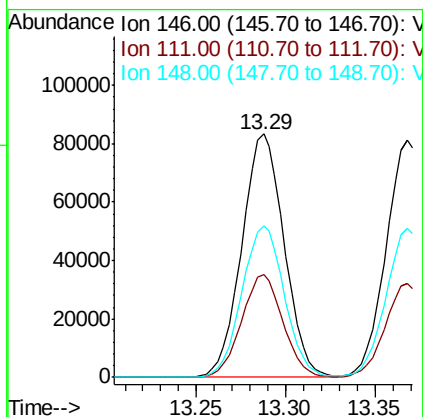
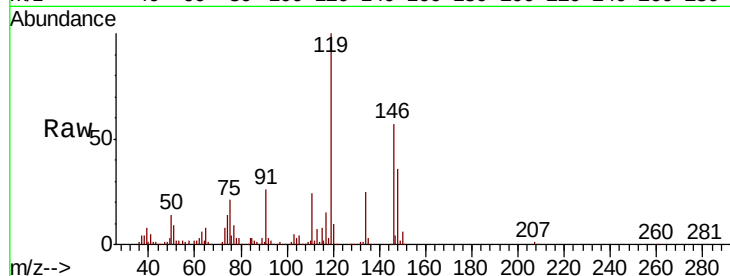
Tot Ion:146 Resp: 138466

Ion Ratio Lower Upper

146 100

111 41.2 21.0 63.0

148 62.6 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 19.522 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

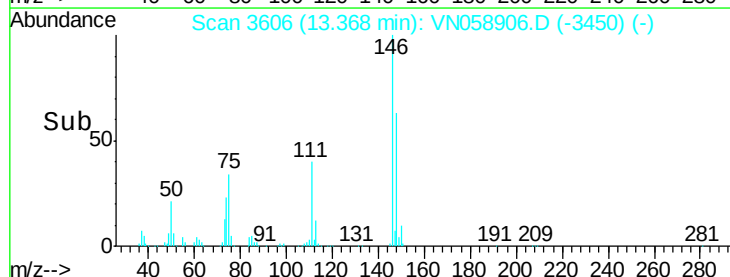
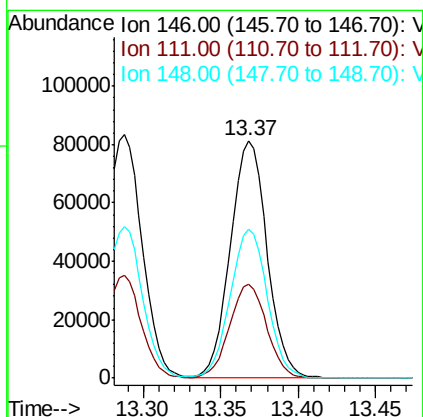
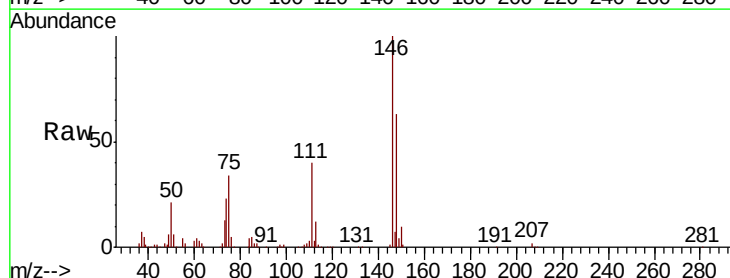
Tgt Ion:146 Resp: 134014

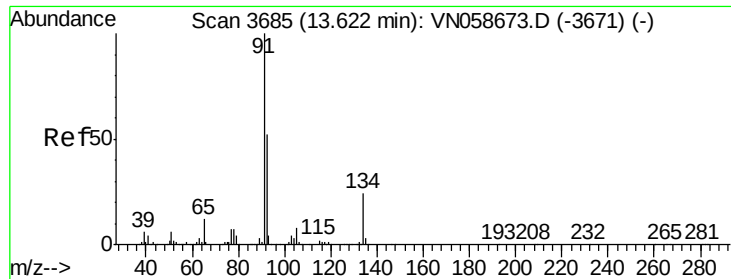
Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

148 63.3 31.6 94.8

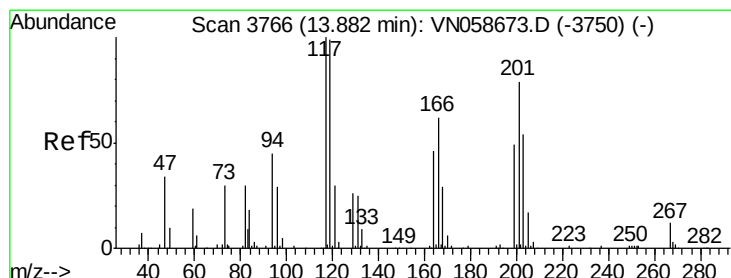
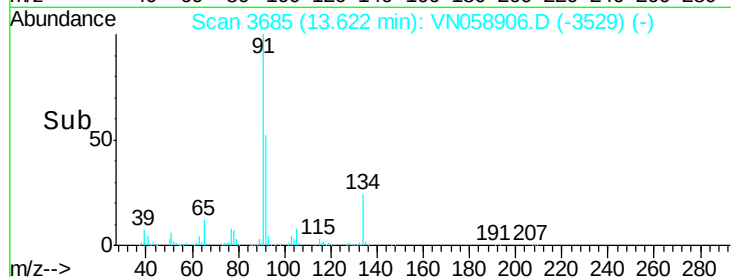
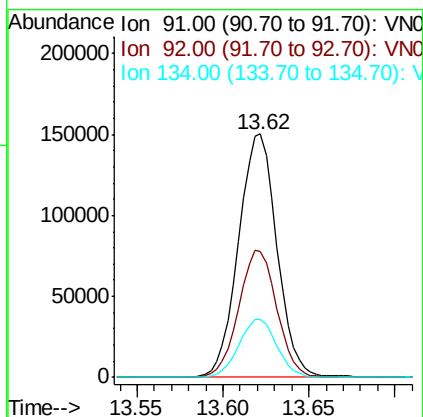
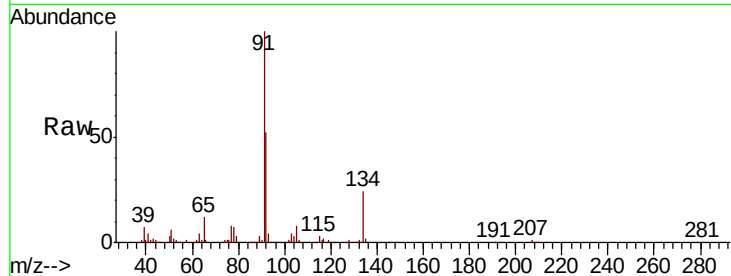




#85
n-Butylbenzene
Concen: 18.465 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

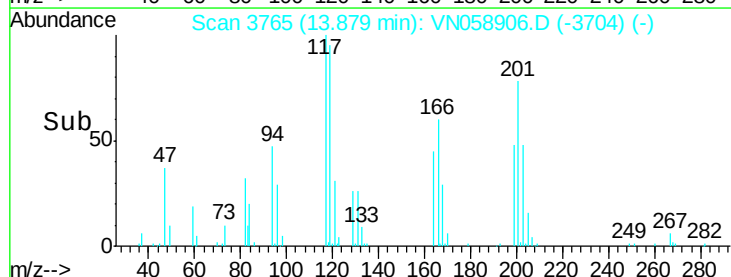
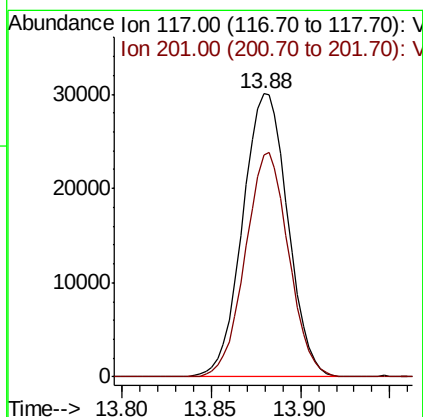
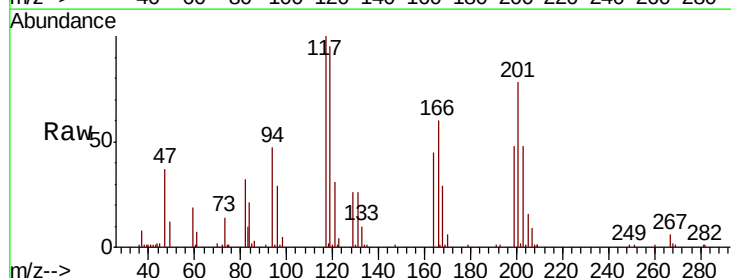
Instrument :
MSVOA_N
ClientSampled :

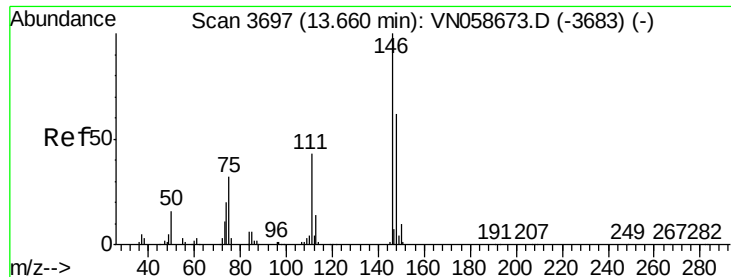
Tot Ion	91	Resp	233764
Ion	Ratio	Lower	Upper
91	100		
92	51.7	0.0	102.8
134	23.6	0.0	48.6



#86
Hexachloroethane
Concen: 21.181 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	117	Resp	53301
Ion	Ratio	Lower	Upper
117	100		
201	75.9	38.7	116.1

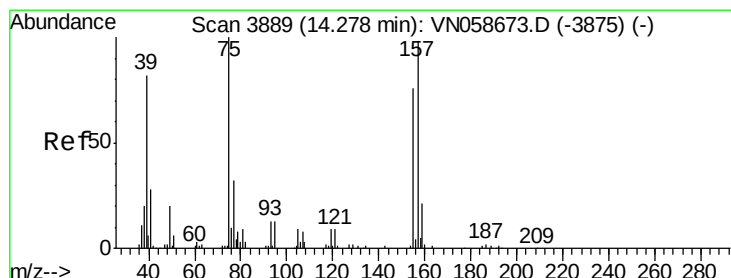
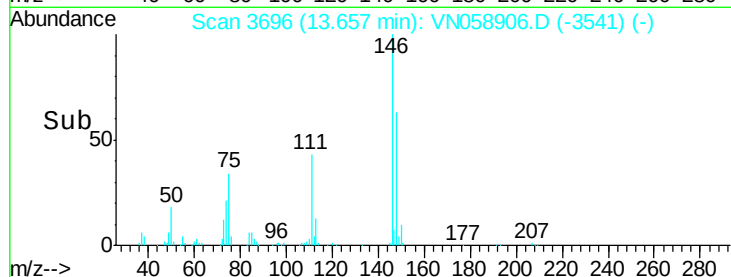
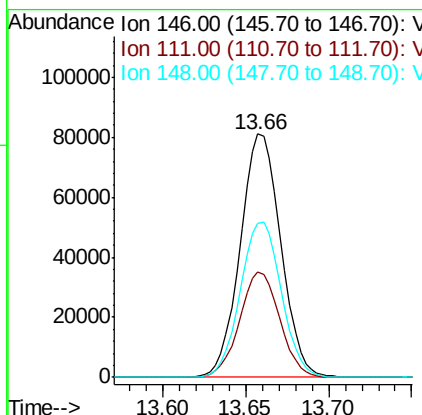
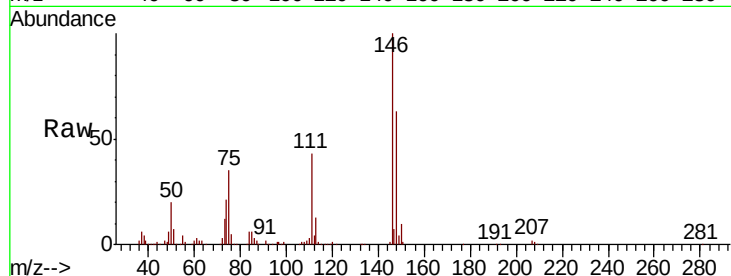




#87
 1,2-Dichlorobenzene
 Concen: 20.348 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

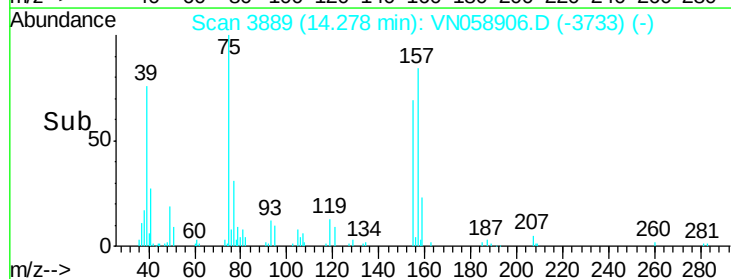
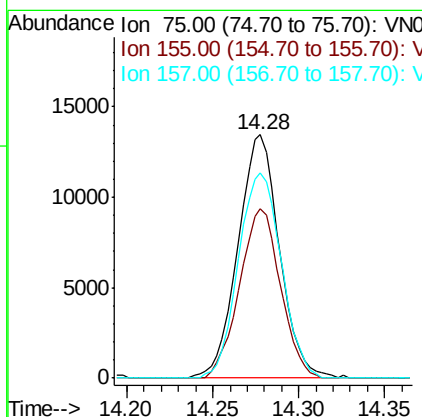
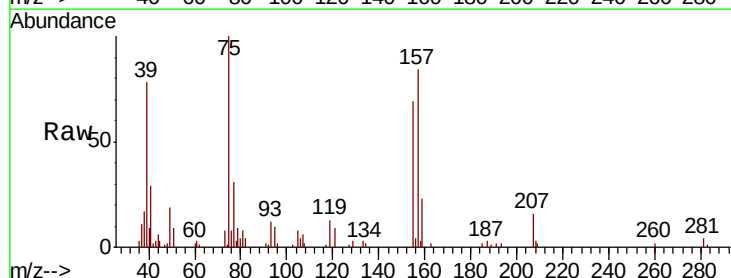
Instrument :
 MSVOA_N
 ClientSampled :

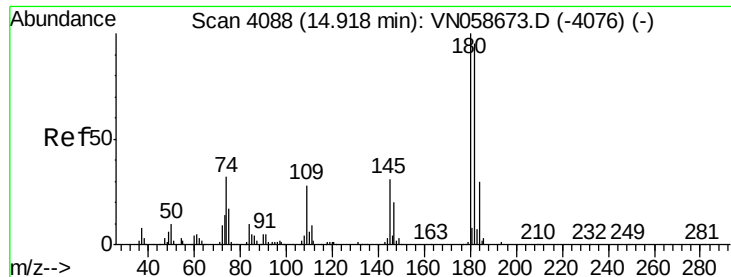
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.8	65.4
148	64.6	32.1	96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.291 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.6	58.3	87.5
157	87.0	75.0	112.6

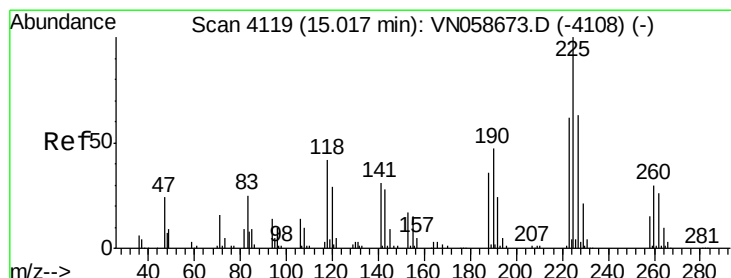
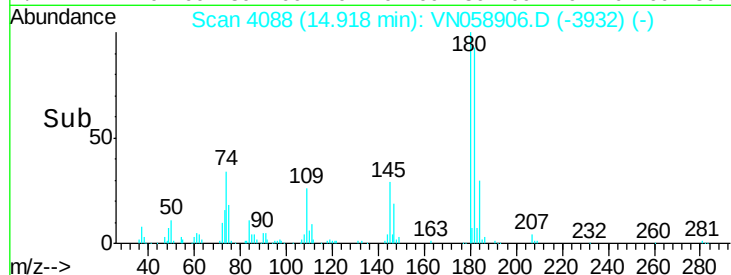
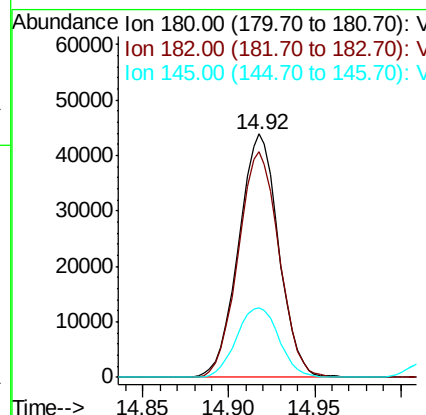
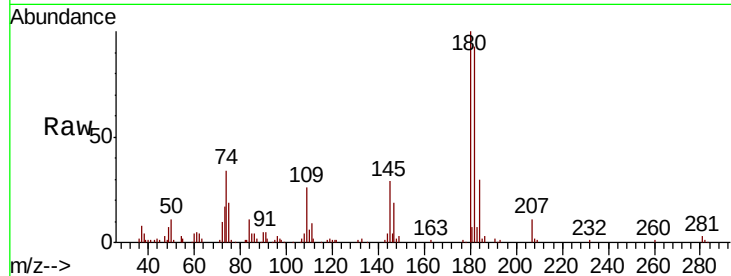




#89
 1,2,4-Trichlorobenzene
 Concen: 16.608 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

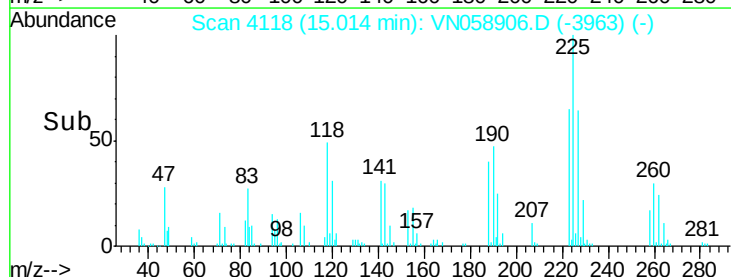
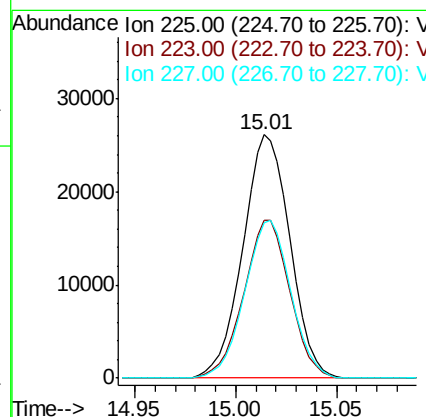
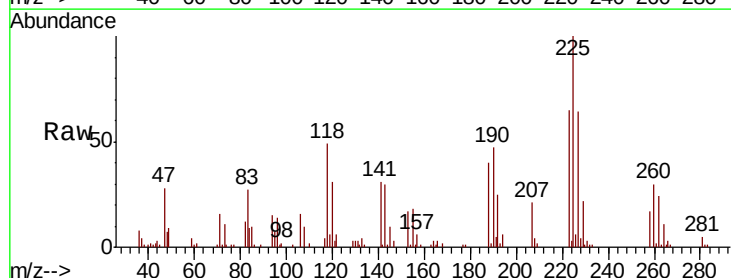
Instrument :
 MSVOA_N
 ClientSampled :

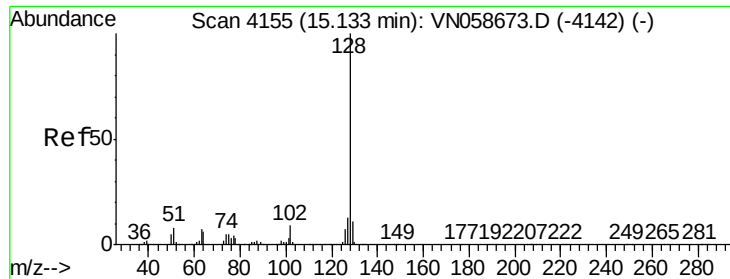
Tot Ion:180 Resp: 71148
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.3 112.9
 145 30.4 24.8 37.2



#90
 Hexachlorobutadiene
 Concen: 19.289 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion:225 Resp: 42671
 Ion Ratio Lower Upper
 225 100
 223 63.5 0.0 126.2
 227 63.3 0.0 127.0





#91

Naphthalene

Concen: 14.715 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

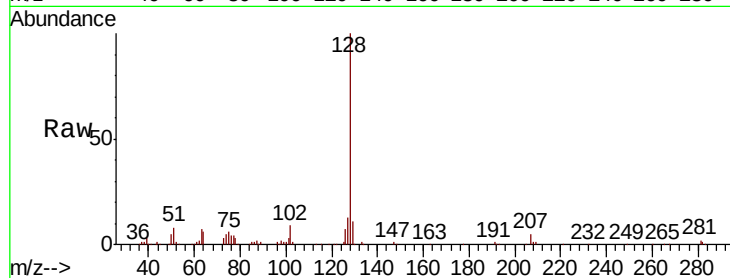
Tot Ion:128 Resp: 186125

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

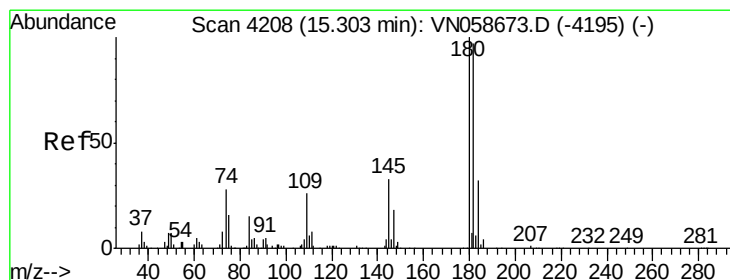
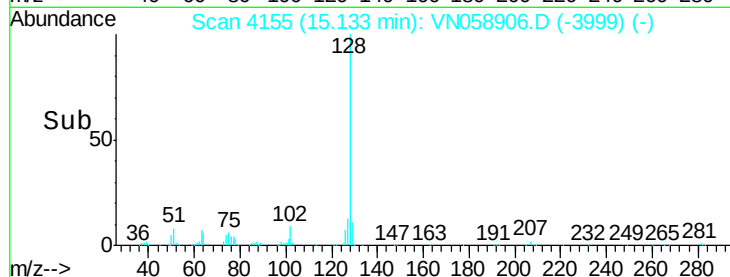
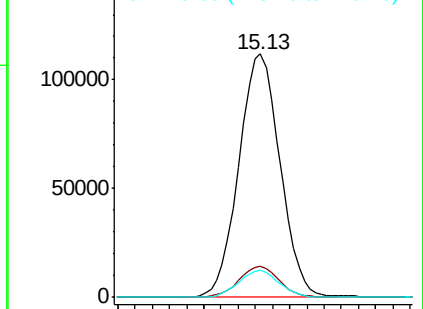
129 11.0 8.6 13.0



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



#92

1,2,3-Trichlorobenzene

Concen: 17.149 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

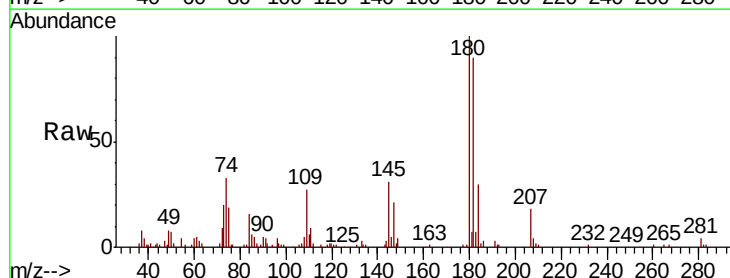
Tgt Ion:180 Resp: 71514

Ion Ratio Lower Upper

180 100

182 93.3 0.0 193.4

145 32.5 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

