

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
 Data File : VN058670.D
 Acq On : 10 Oct 2019 17:28
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 11 04:14:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:10:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	74598	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	413304	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	384536	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	184572	28.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.03%
60) 4-Bromofluorobenzene	12.41	95	205249	30.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.30%
63) Toluene-d8	10.08	98	541724	29.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	348010	78.876	ug/l 100
3) Chloromethane	2.04	50	452044	85.756	ug/l 100
4) Vinyl Chloride	2.17	62	476688	90.101	ug/l 99
5) Bromomethane	2.53	94	268373	88.971	ug/l 99
6) Chloroethane	2.68	64	290912	92.179	ug/l 98
7) Trichlorofluoromethane	2.99	101	581189	92.958	ug/l 100
8) Diethyl Ether	3.39	74	221849	81.665	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	334973	80.286	ug/l 99
10) 1,1-Dichloroethene	3.71	96	321539	78.687	ug/l 97
11) Methyl Iodide	3.93	142	475021	104.486	ug/l 99
12) Methyl Acetate	4.30	43	527496	93.132	ug/l 99
13) Acrolein	3.58	56	284880	1109.904	ug/l 99
14) Acrylonitrile	4.96	53	1089479	474.295	ug/l 98
15) Acetone	3.79	58	313506	492.988	ug/l 99
16) Carbon Disulfide	4.03	76	954745	82.154	ug/l 100
17) Allyl chloride	4.30	41	662865	85.613	ug/l 98
18) Methylene Chloride	4.53	84	393444	81.353	ug/l 99
19) trans-1,2-Dichloroethene	5.01	96	358084	78.427	ug/l 95
20) Diisopropyl ether	5.93	45	1378311	84.235	ug/l 94
21) 1,1-Dichloroethane	5.82	63	744346	81.571	ug/l 100
22) cis-1,2-Dichloroethene	6.81	96	431705	81.068	ug/l 98
23) tert-Butyl Alcohol	4.76	59	435685	500.281	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	1258158	85.104	ug/l 99
25) Chloroform	7.35	83	741916	80.385	ug/l 95
26) Cyclohexane	7.63	56	664101	78.981	ug/l # 97
29) 1,1-Dichloropropene	7.78	75	564966	83.592	ug/l 99
30) 2-Butanone	6.81	43	1665381	522.047	ug/l 100
31) 2,2-Dichloropropane	6.80	77	650860	91.452	ug/l 98
32) 1,1,1-Trichloroethane	7.55	97	642316	86.523	ug/l 99
33) Carbon Tetrachloride	7.76	117	565925	89.380	ug/l 99
34) Benzene	8.03	78	1653817	85.715	ug/l # 91
35) Methacrylonitrile	7.19	41	925083	330.592	ug/l # 64
36) 1,2-Dichloroethane	8.11	62	629398	83.349	ug/l 100
37) Trichloroethene	8.82	130	409298	84.883	ug/l 98
38) Methylcyclohexane	9.07	83	663811	81.713	ug/l 99
39) 1,2-Dichloropropane	9.11	63	447598	84.454	ug/l 97
40) Dibromomethane	9.20	93	288468	86.502	ug/l 99

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 VSTDICC100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	596292	89.529	ug/l	99
42) Vinyl Acetate	5.87	43	5784852	483.370	ug/l	99
43) Ethyl Acetate	6.91	43	624362	97.597	ug/l	97
44) Isopropyl Acetate	8.15	43	1043923	93.731	ug/l	100
45) 1,4-Dioxane	9.19	88	163381	1789.439	ug/l	98
46) Methyl methacrylate	9.19	41	489587	93.272	ug/l	98
47) n-amyl Acetate	12.07	43	965718	98.873	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	703331	95.237	ug/l	96
49) cis-1,3-Dichloropropene	9.83	75	738137	91.261	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	409747	87.608	ug/l	97
51) Ethyl methacrylate	10.43	69	696395	93.853	ug/l	99
52) 1,3-Dichloropropane	10.71	76	724668	87.332	ug/l	99
53) Dibromochloromethane	10.90	129	458164	95.552	ug/l	98
54) 1,2-Dibromoethane	11.00	107	435238	90.853	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	1595635	484.142	ug/l	99
56) Bromoform	12.13	173	329679	106.247	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	3123490	499.923	ug/l	97
59) 2-Hexanone	10.75	43	2513646	528.570	ug/l	97
61) Tetrachloroethene	10.63	164	347912	84.493	ug/l	98
62) Toluene	10.15	91	1784954	84.442	ug/l	99
64) Chlorobenzene	11.43	112	1087504	83.683	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	415837	89.445	ug/l	98
66) Ethyl Benzene	11.51	91	2025694	88.090	ug/l	99
67) m/p-Xylenes	11.62	106	1510759	170.863	ug/l	98
68) o-Xylene	11.95	106	728634	84.847	ug/l	100
69) Styrene	11.97	104	1251315	87.460	ug/l	98
70) Isopropylbenzene	12.25	105	2006020	90.019	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	657025	90.693	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	900509	143.513	ug/l	59
73) Bromobenzene	12.53	156	471067	86.595	ug/l	98
74) n-propylbenzene	12.60	91	2364616	91.767	ug/l	98
75) 2-Chlorotoluene	12.68	91	1396220	86.730	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	1714775	89.296	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	244097	113.237	ug/l	95
78) 4-Chlorotoluene	12.78	91	1477857	89.620	ug/l	100
79) tert-butylbenzene	13.00	119	1462902	87.617	ug/l	99
80) 1,2,4-Trimethylbenzene	13.05	105	1723613	90.174	ug/l	100
81) sec-Butylbenzene	13.18	105	1991433	91.369	ug/l	99
82) p-Isopropyltoluene	13.29	119	1816950	92.372	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	880586	87.931	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	878483	87.815	ug/l	100
85) n-Butylbenzene	13.62	91	1695811	93.164	ug/l	98
86) Hexachloroethane	13.88	117	325114	98.163	ug/l	97
87) 1,2-Dichlorobenzene	13.66	146	863888	88.407	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	149312	101.318	ug/l	96
89) 1,2,4-Trichlorobenzene	14.92	180	560143	87.294	ug/l	100
90) Hexachlorobutadiene	15.02	225	282096	90.125	ug/l	99
91) Naphthalene	15.13	128	1701014	95.211	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	544149	87.969	ug/l	98

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ClientSampleId :
VSTDICC100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:10:20 2019
Response via : Initial Calibration

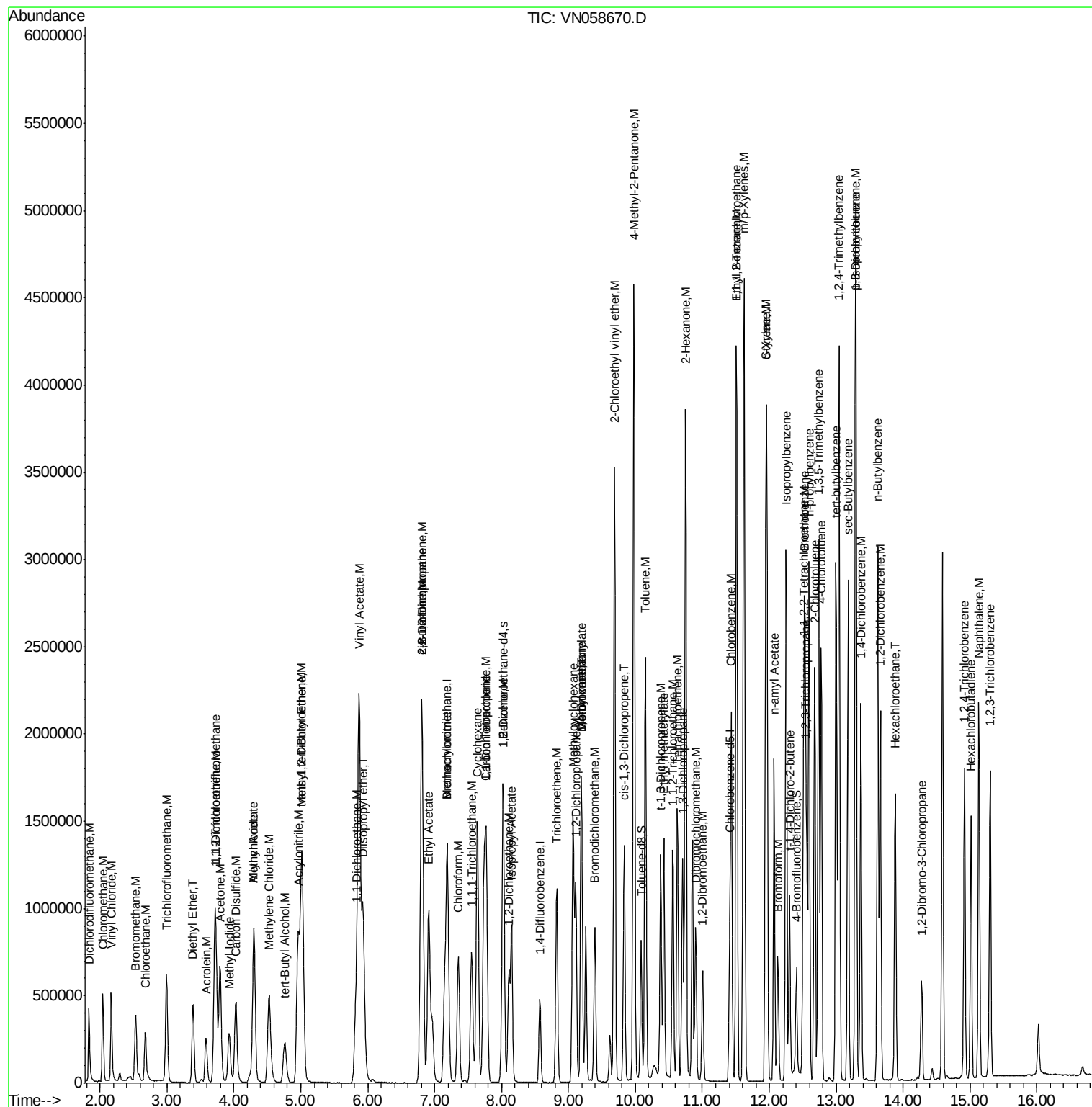
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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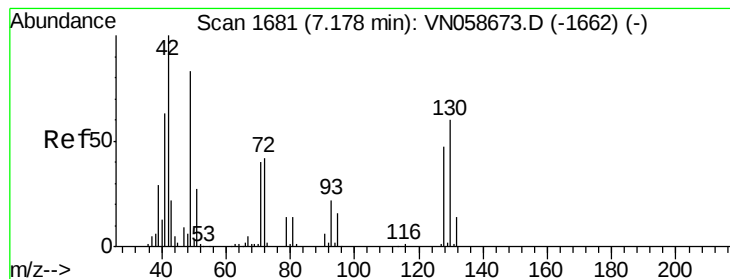
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
Data File : VN058670.D
Acq On : 10 Oct 2019 17:28
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Oct 11 04:14:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:10:20 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

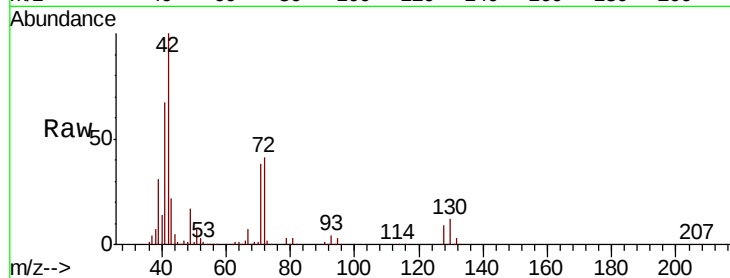
Tot Ion:128 Resp: 74598

Ion Ratio Lower Upper

128 100

49 186.6 0.0 453.5

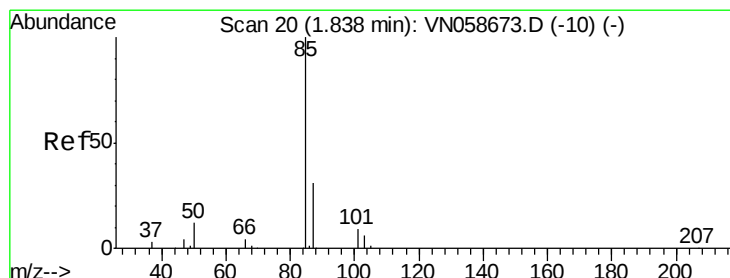
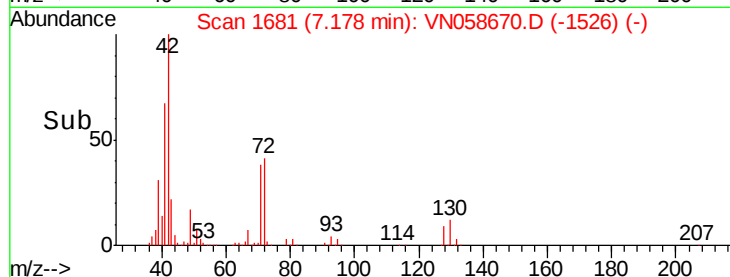
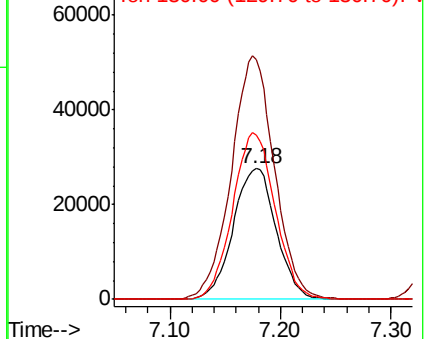
130 126.1 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 78.876 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058670.D

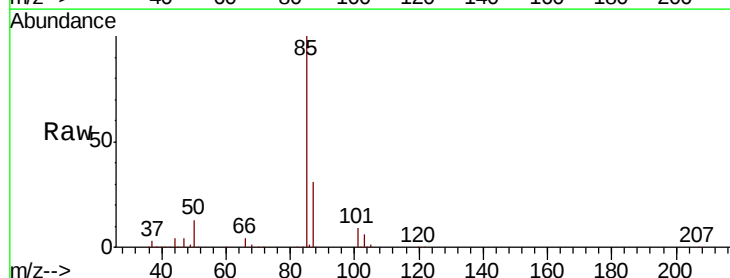
Acq: 10 Oct 2019 17:28

Tgt Ion: 85 Resp: 348010

Ion Ratio Lower Upper

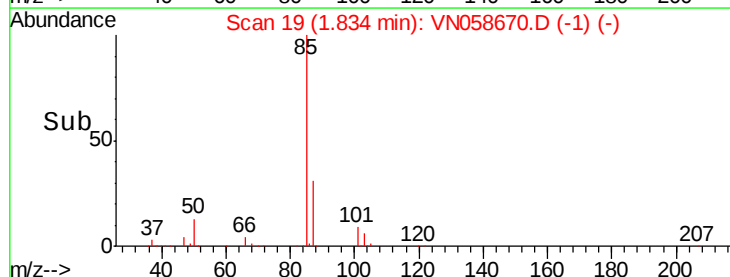
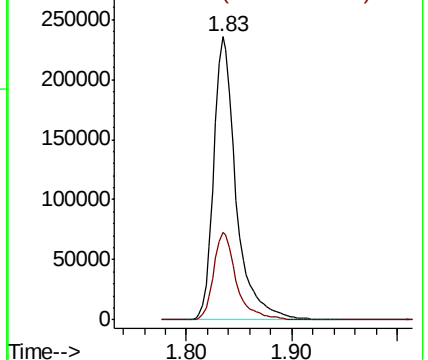
85 100

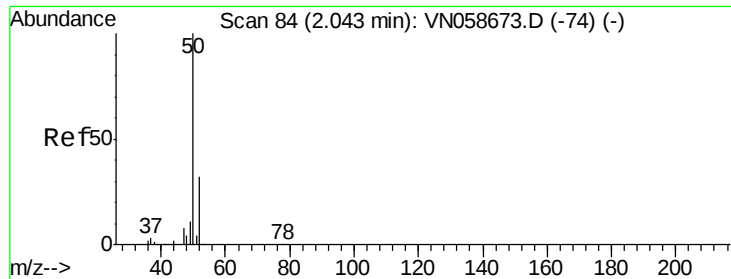
87 31.1 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 85.756 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

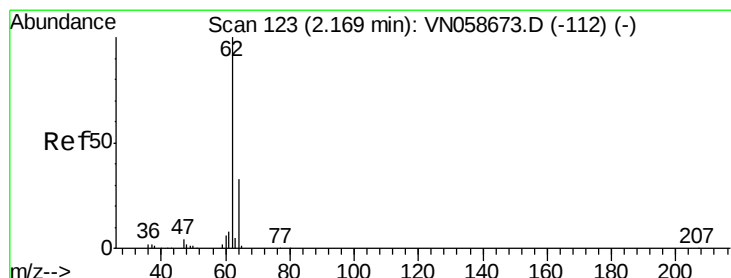
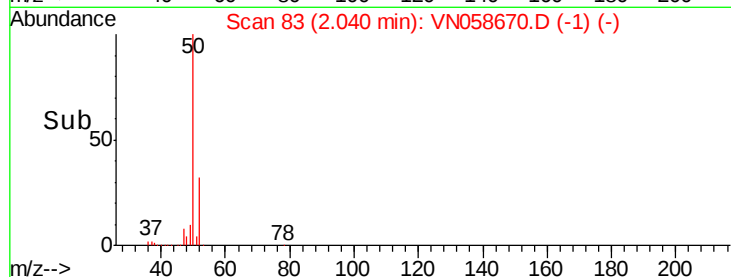
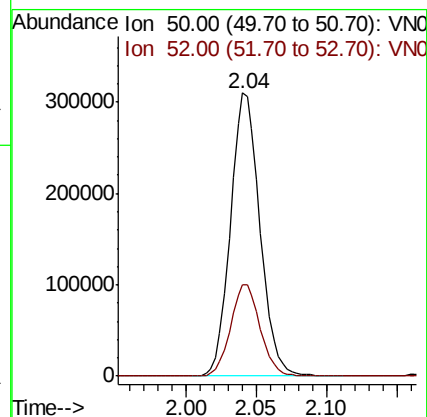
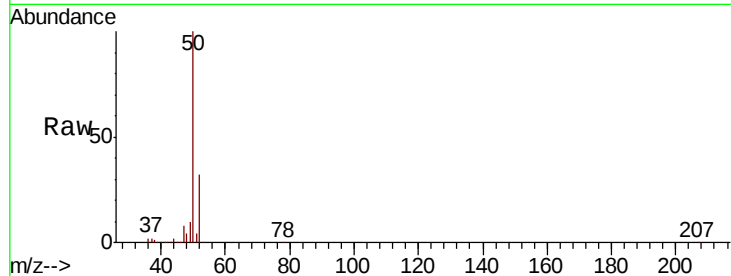
VSTDIC100

Tot Ion: 50 Resp: 452044

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.8



#4

Vinyl Chloride

Concen: 90.101 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058670.D

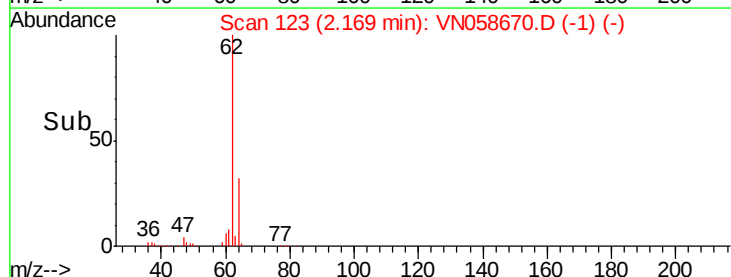
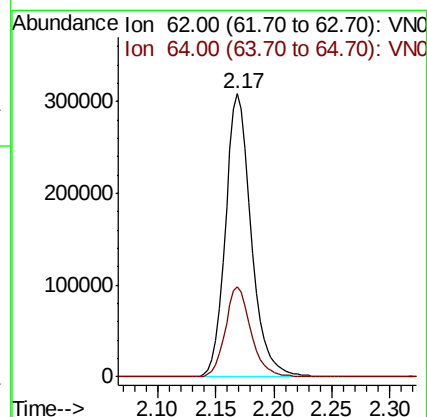
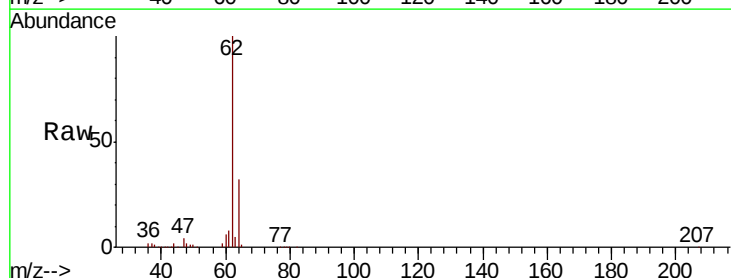
Acq: 10 Oct 2019 17:28

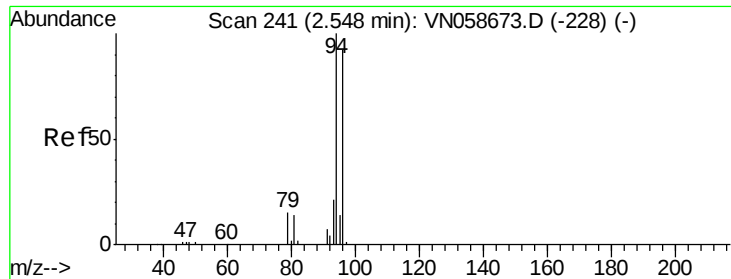
Tgt Ion: 62 Resp: 476688

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 88.971 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.02 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

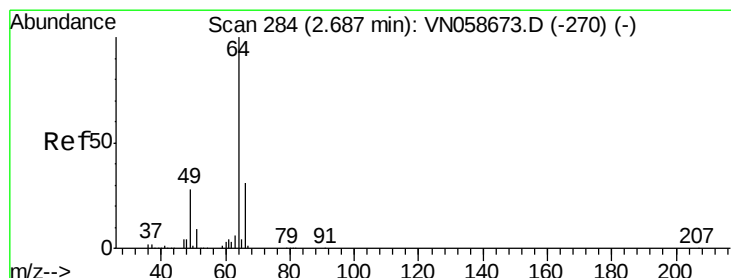
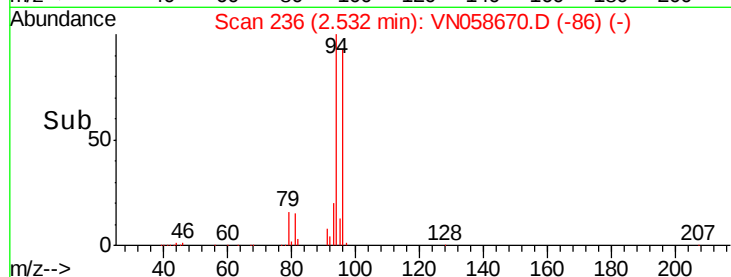
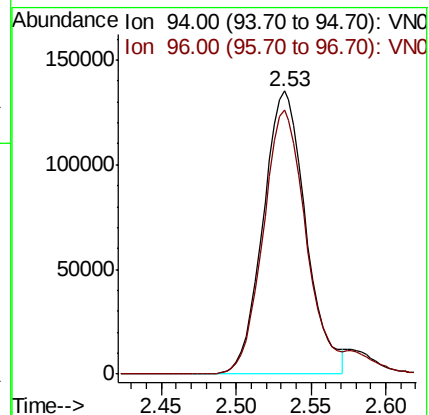
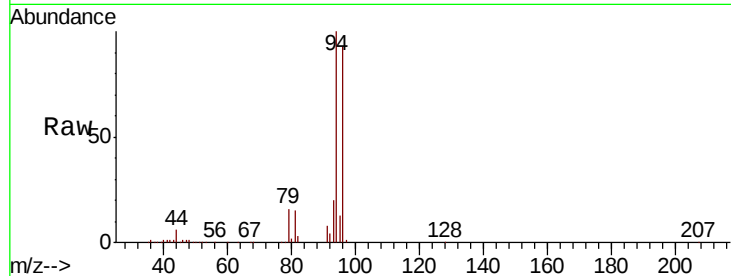
VSTDIC100

Tot Ion: 94 Resp: 268373

Ion Ratio Lower Upper

94 100

96 93.2 73.7 110.5



#6

Chloroethane

Concen: 92.179 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN058670.D

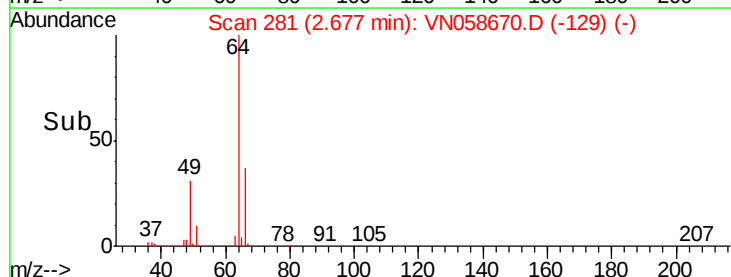
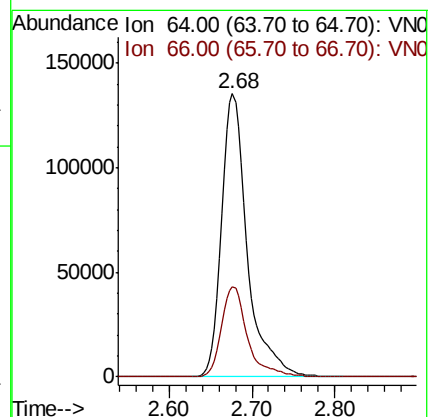
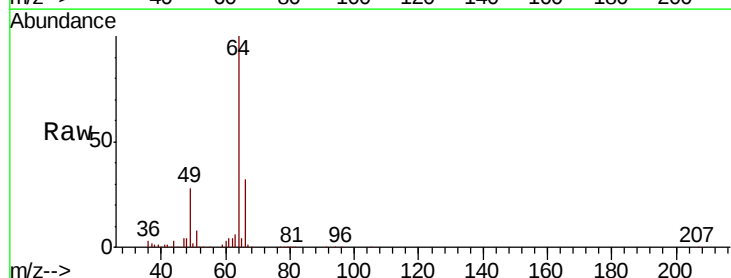
Acq: 10 Oct 2019 17:28

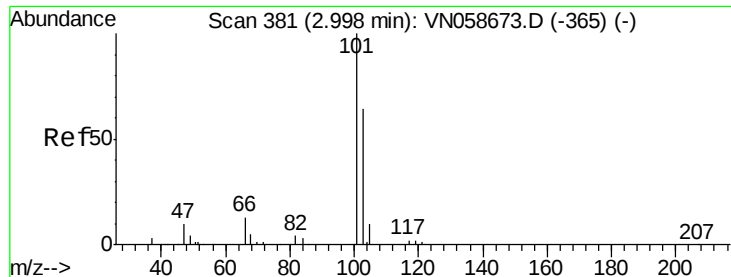
Tgt Ion: 64 Resp: 290912

Ion Ratio Lower Upper

64 100

66 31.8 24.6 36.8



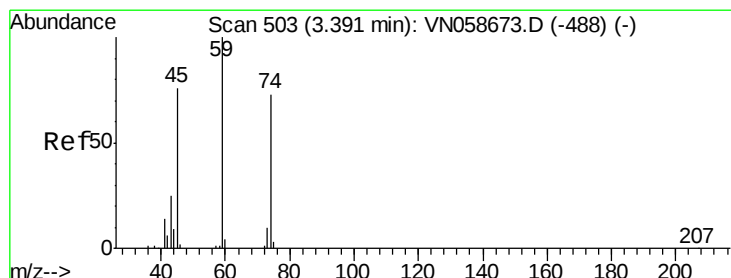
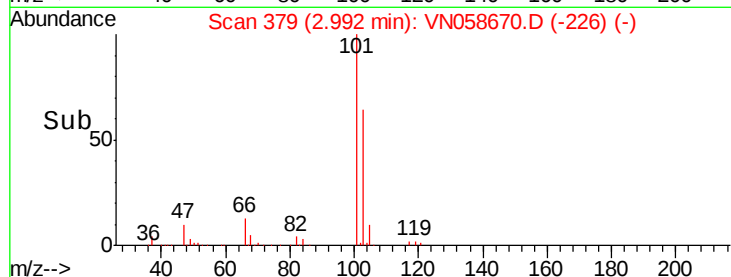
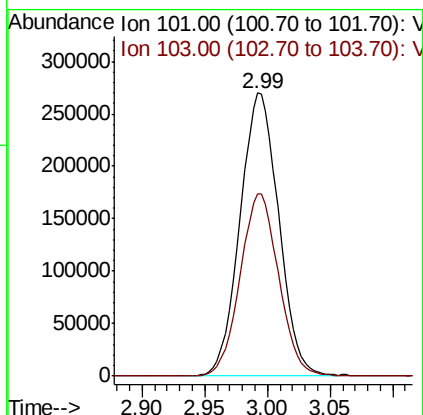
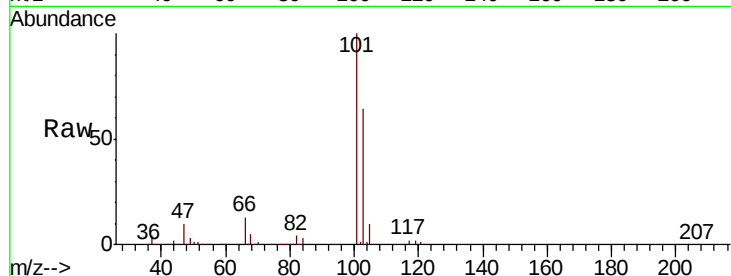


#7

Trichlorofluoromethane
Concen: 92.958 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

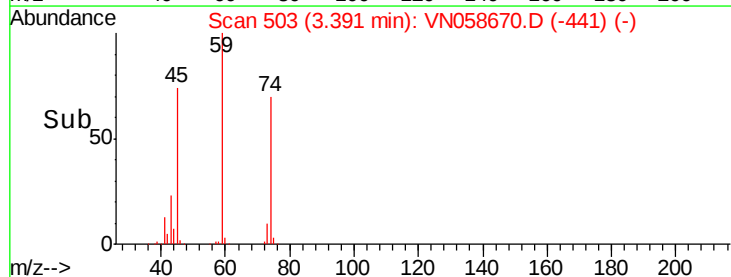
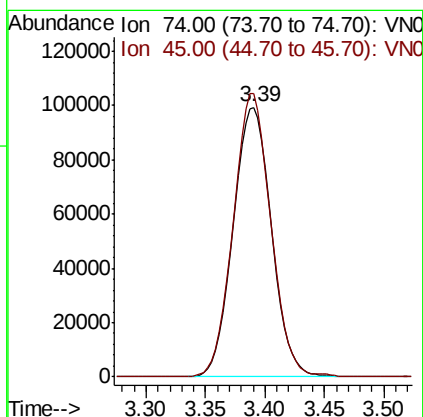
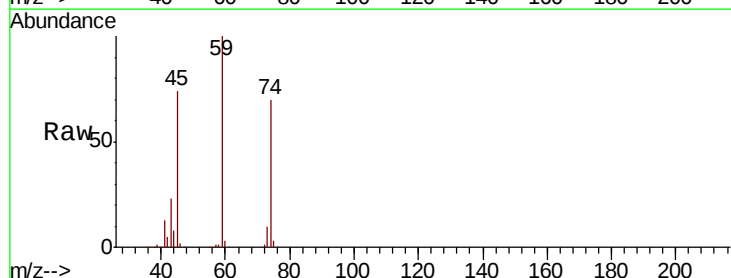
Tot Ion:101 Resp: 581189
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

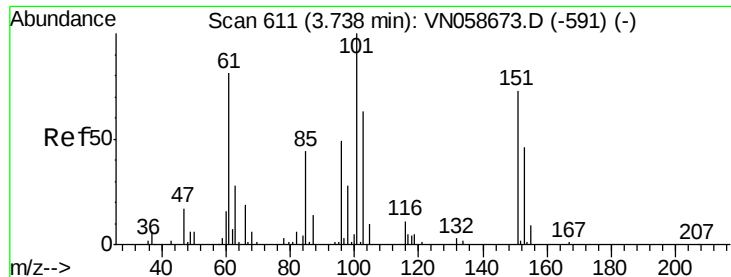


#8

Diethyl Ether
Concen: 81.665 ug/l
RT: 3.39 min Scan# 503
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 74 Resp: 221849
Ion Ratio Lower Upper
74 100
45 103.0 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 80.286 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

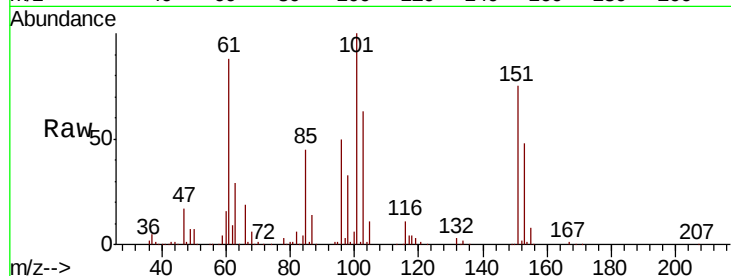
Tot Ion:101 Resp: 334973

Ion Ratio Lower Upper

101 100

85 45.1 0.0 93.8

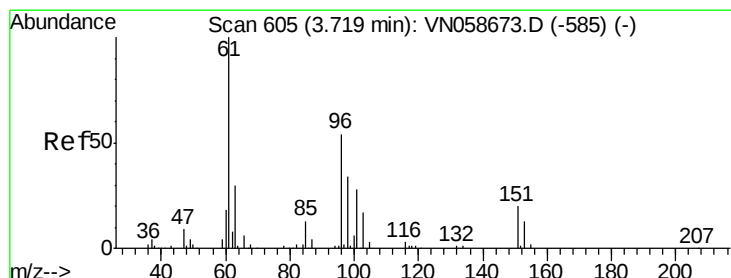
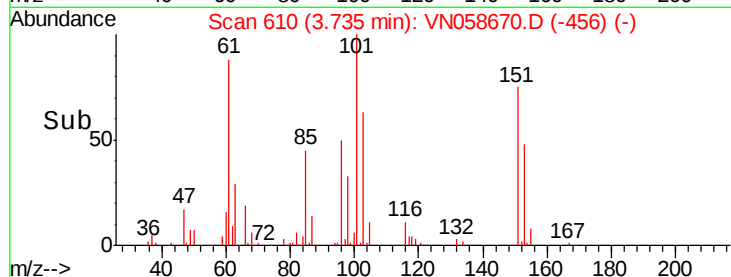
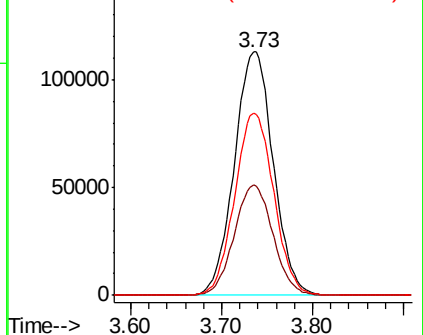
151 75.2 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 78.687 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

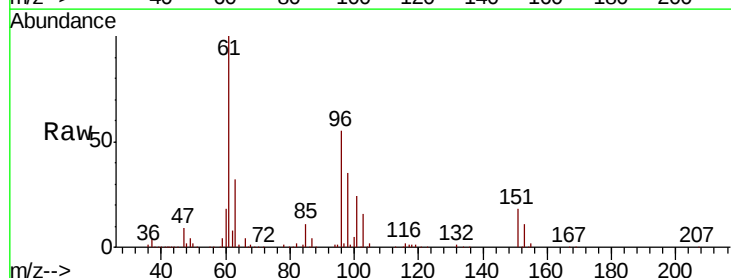
Tgt Ion: 96 Resp: 321539

Ion Ratio Lower Upper

96 100

61 180.7 148.5 222.7

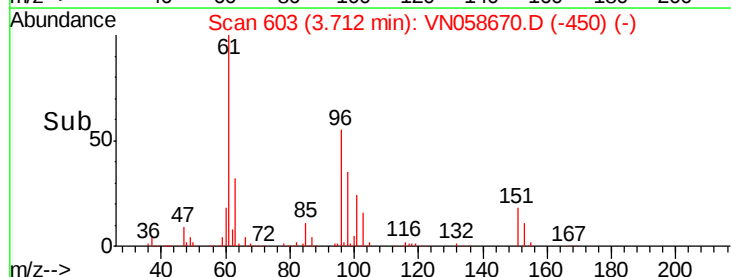
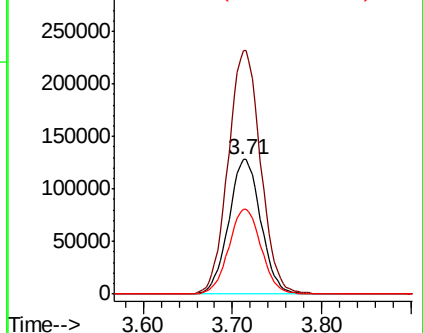
98 63.1 51.0 76.6

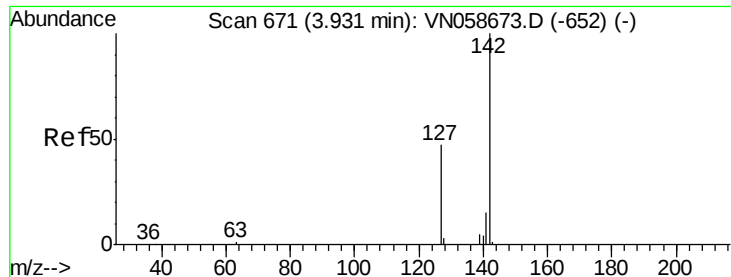


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

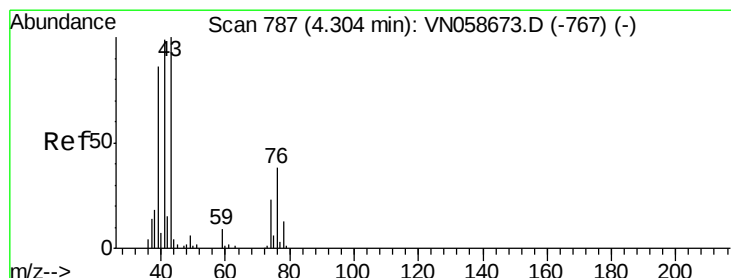
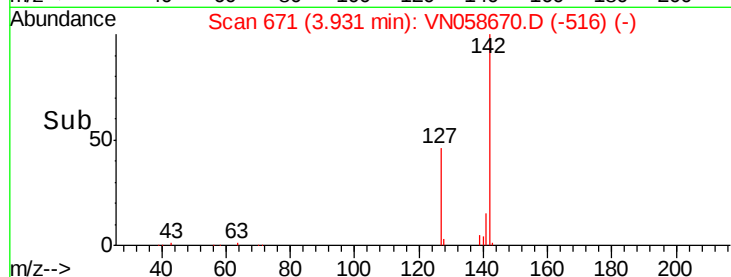
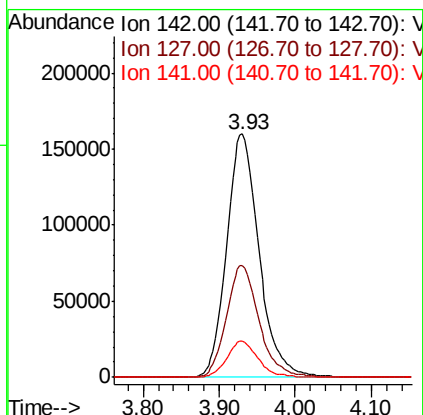
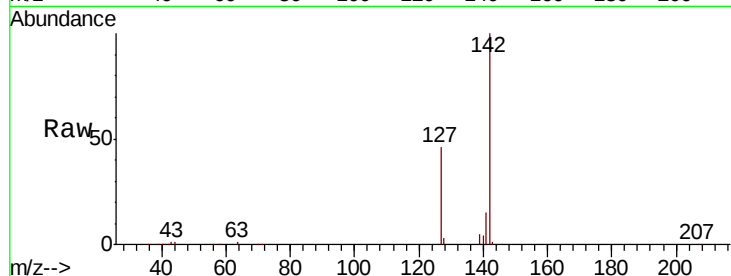




#11
Methyl Iodide
Concen: 104.486 ug/l
RT: 3.93 min Scan# 671
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

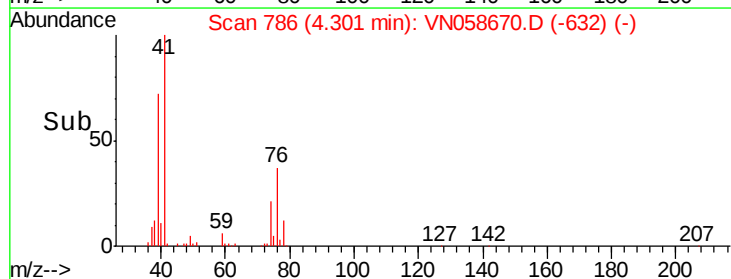
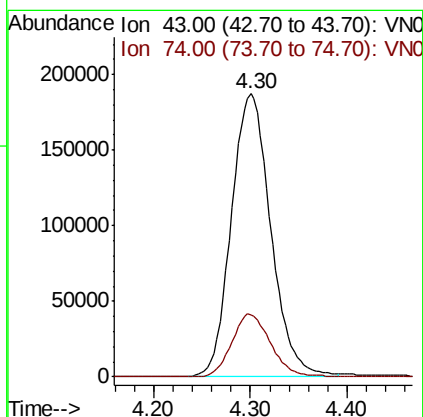
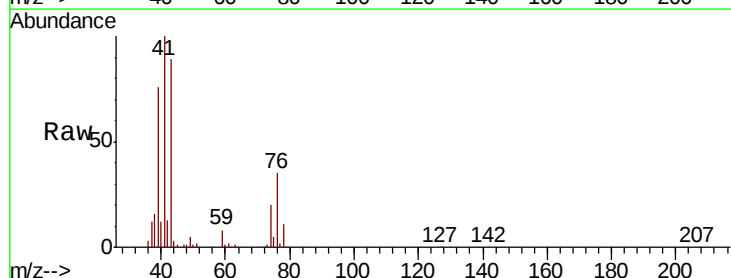
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

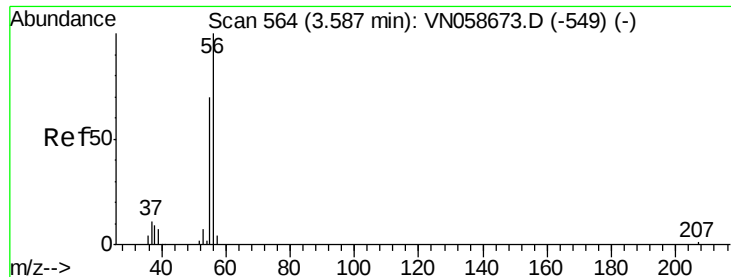
Tot Ion:142 Resp: 475021
Ion Ratio Lower Upper
142 100
127 46.0 23.5 70.6
141 14.9 7.4 22.2



#12
Methyl Acetate
Concen: 93.132 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 43 Resp: 527496
Ion Ratio Lower Upper
43 100
74 22.1 18.1 27.1





#13

Acrolein

Concen: 1109.904 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

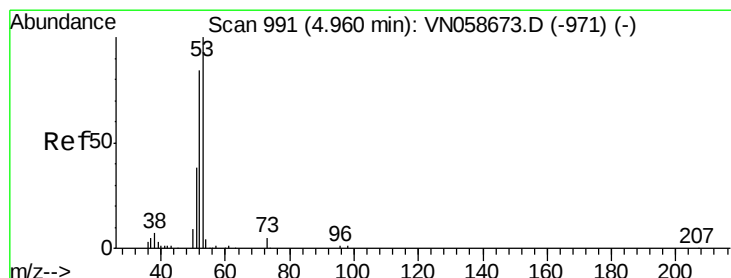
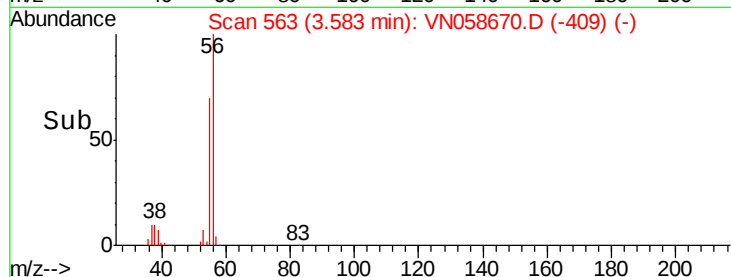
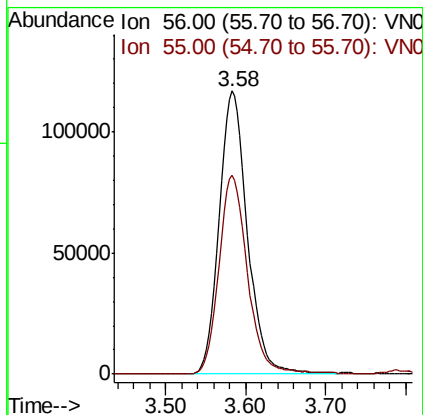
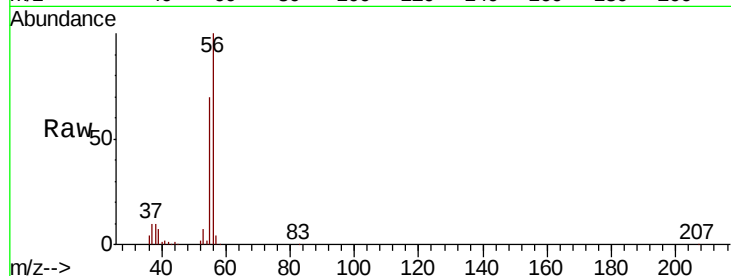
VSTDIC100

Tot Ion: 56 Resp: 284880

Ion Ratio Lower Upper

56 100

55 70.5 55.9 83.9



#14

Acrylonitrile

Concen: 474.295 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

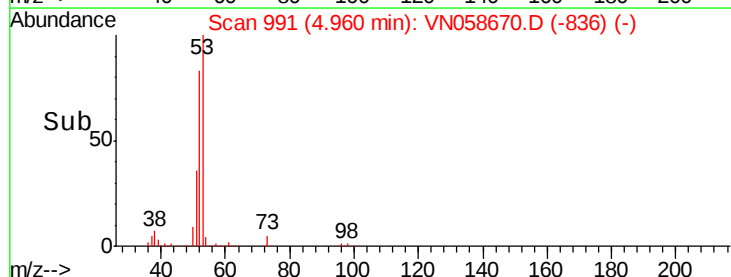
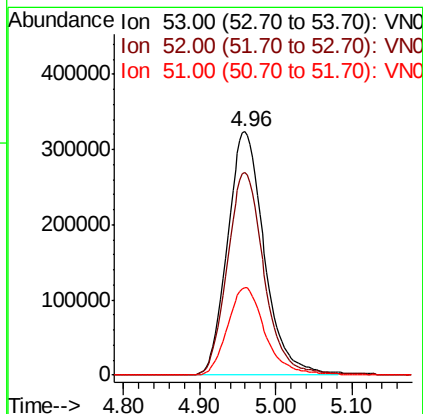
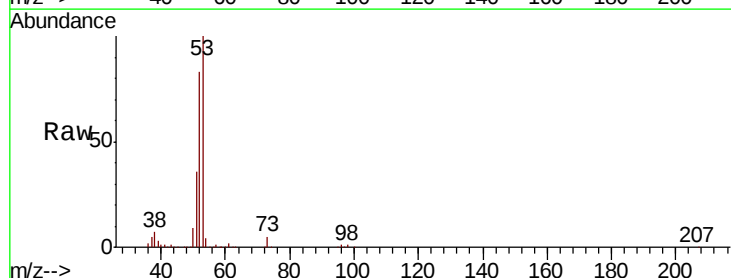
Tgt Ion: 53 Resp: 1089479

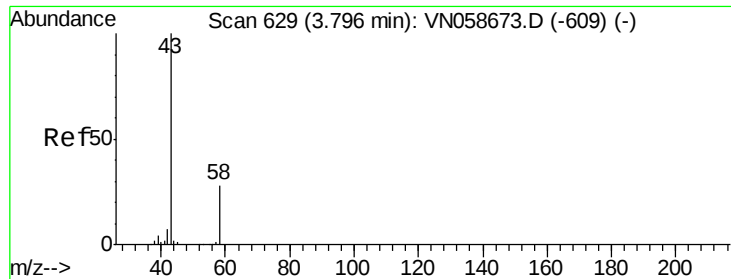
Ion Ratio Lower Upper

53 100

52 83.0 42.2 126.6

51 36.6 18.8 56.4





#15

Acetone

Concen: 492.988 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

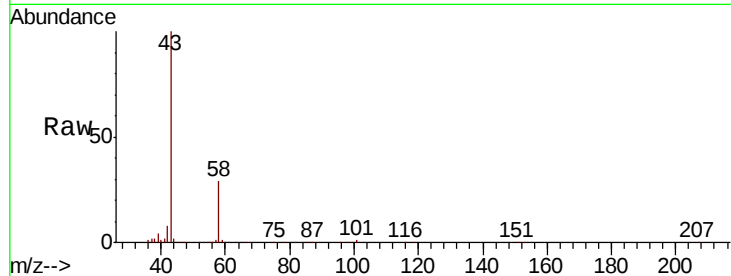
VSTDIC100

Tot Ion: 58 Resp: 313506

Ion Ratio Lower Upper

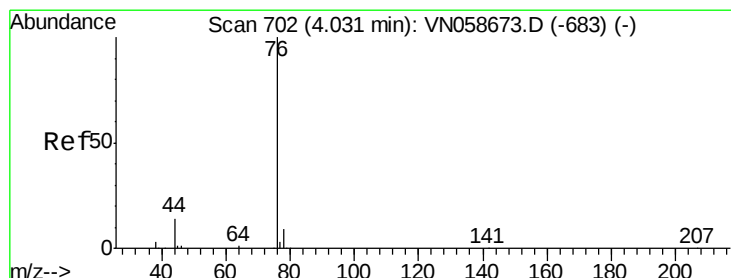
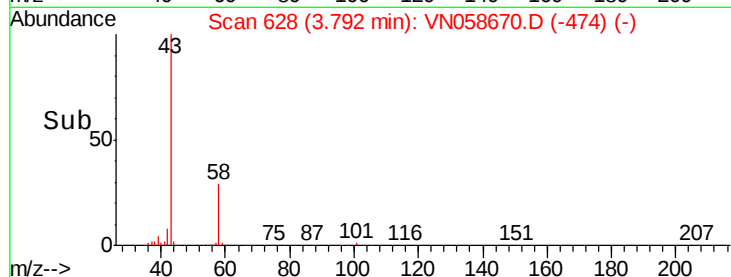
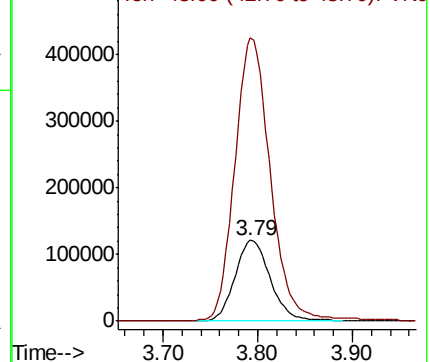
58 100

43 350.1 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN058670.D (-474) (-)

Ion 43.00 (42.70 to 43.70): VN058670.D (-474) (-)



#16

Carbon Disulfide

Concen: 82.154 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058670.D

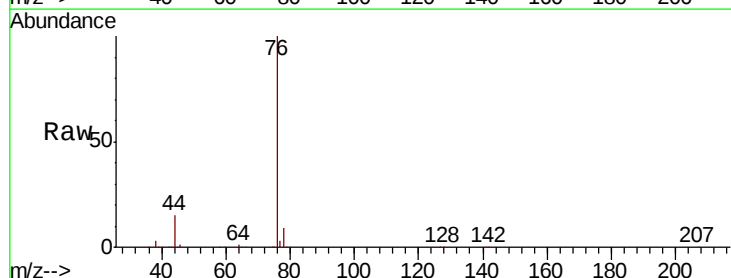
Acq: 10 Oct 2019 17:28

Tgt Ion: 76 Resp: 954745

Ion Ratio Lower Upper

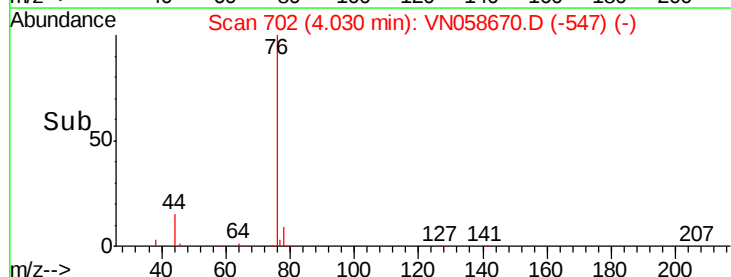
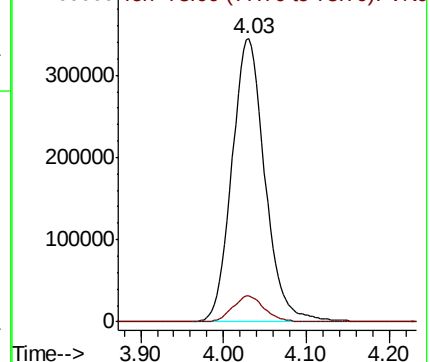
76 100

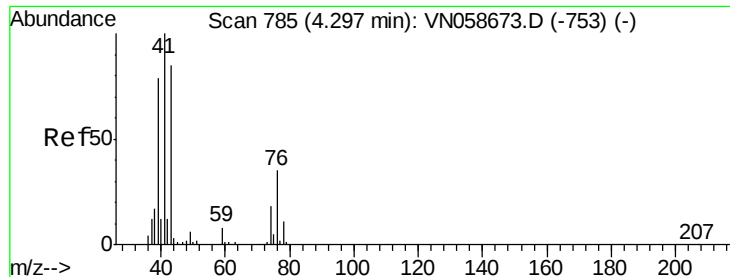
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN058670.D (-547) (-)

Ion 78.00 (77.70 to 78.70): VN058670.D (-547) (-)

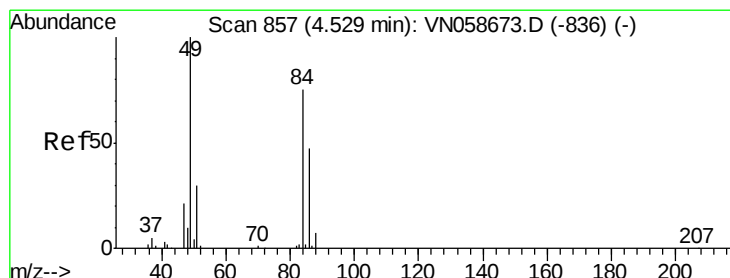
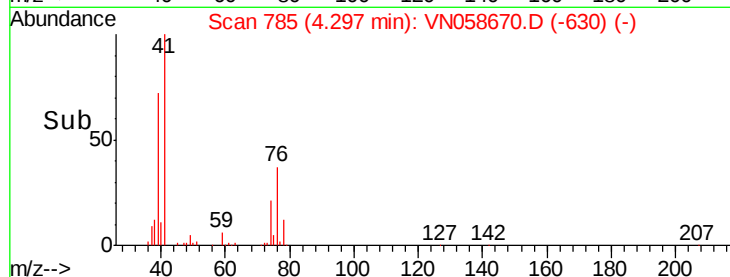
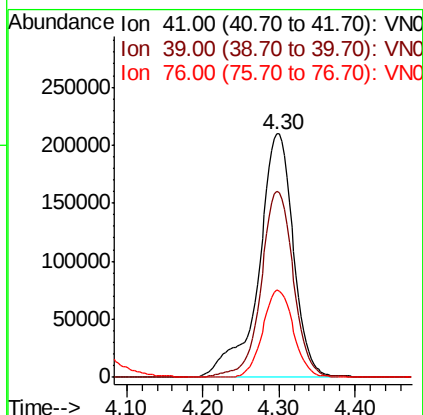
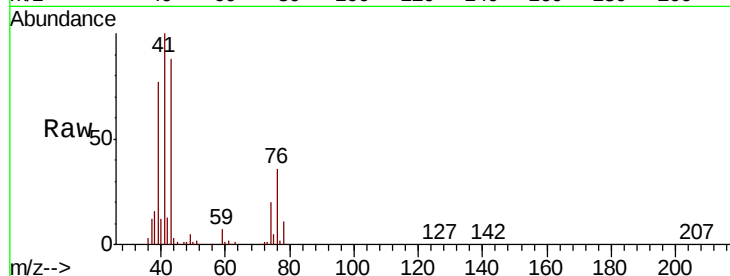




#17
Allvl chloride
Concen: 85.613 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

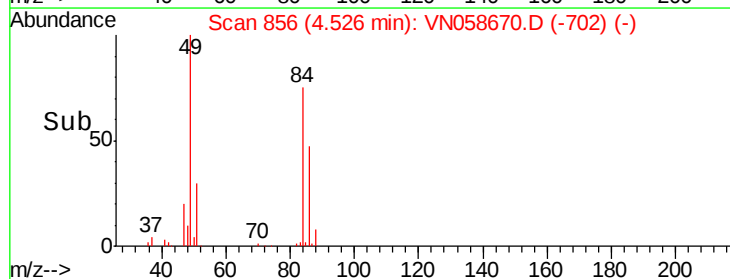
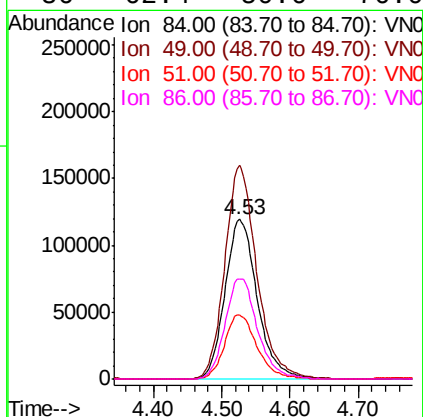
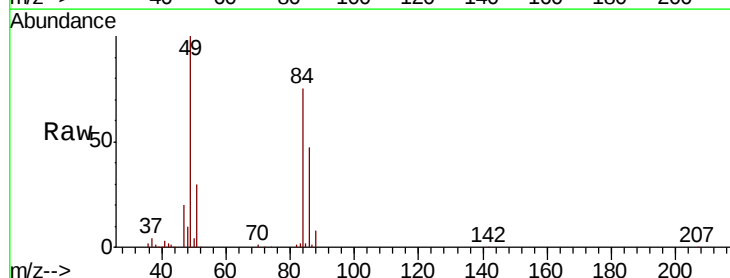
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

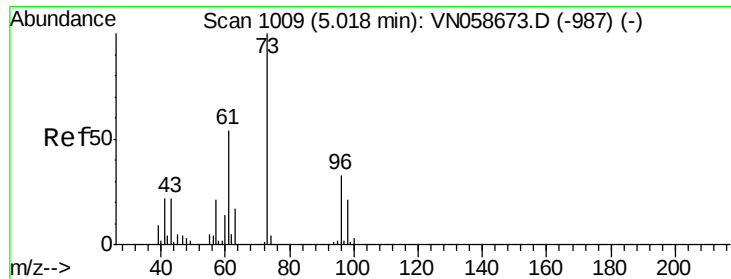
Tot Ion: 41 Resp: 662865
Ion Ratio Lower Upper
41 100
39 76.5 39.6 118.8
76 35.4 17.6 52.9



#18
Methylene Chloride
Concen: 81.353 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 84 Resp: 393444
Ion Ratio Lower Upper
84 100
49 133.7 106.6 160.0
51 39.7 32.4 48.6
86 62.4 50.6 76.0

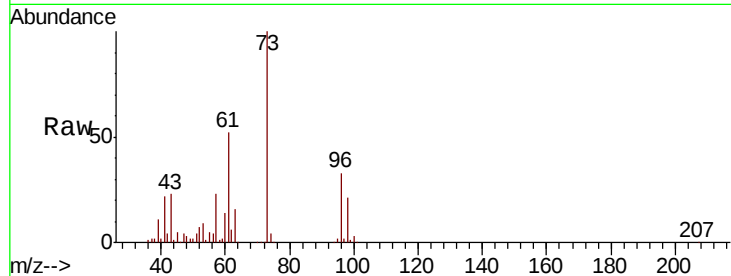




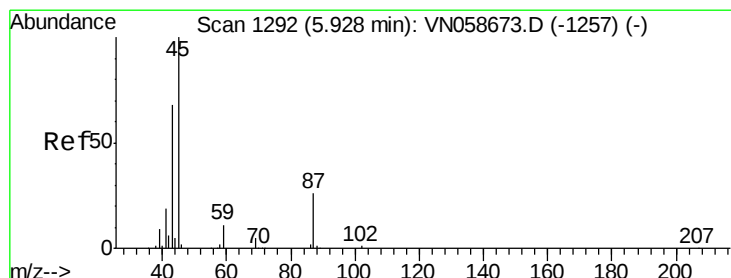
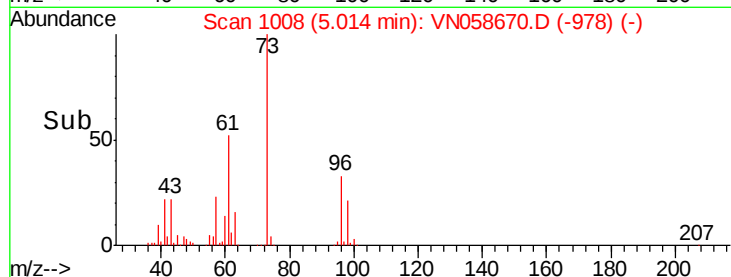
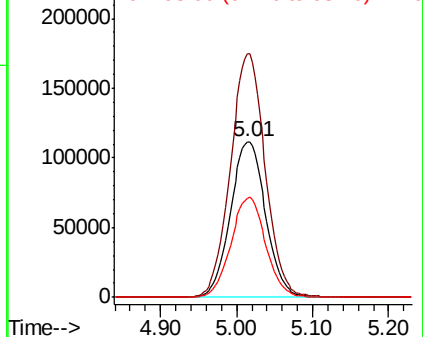
#19
trans-1,2-Dichloroethene
Concen: 78.427 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 96 Resp: 358084
Ion Ratio Lower Upper
96 100
61 156.6 131.8 197.6
98 64.1 52.6 79.0

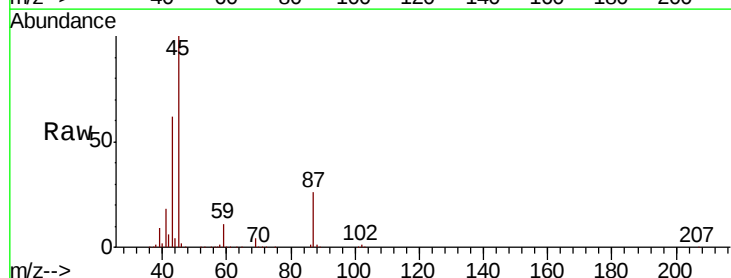


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

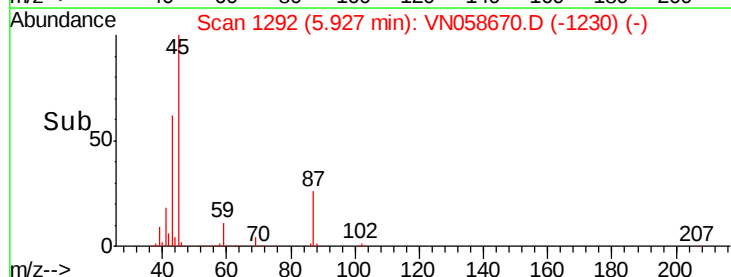
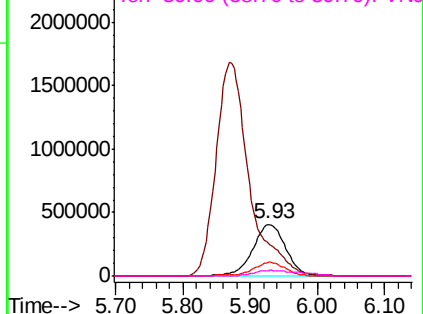


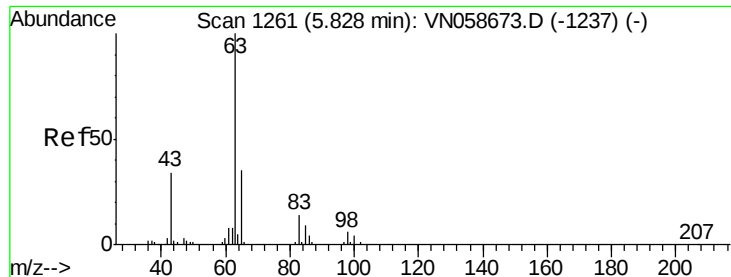
#20
Diisopropyl ether
Concen: 84.235 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 45 Resp: 1378311
Ion Ratio Lower Upper
45 100
43 61.4 54.7 82.1
87 26.0 21.5 32.3
59 10.9 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: 81.571 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

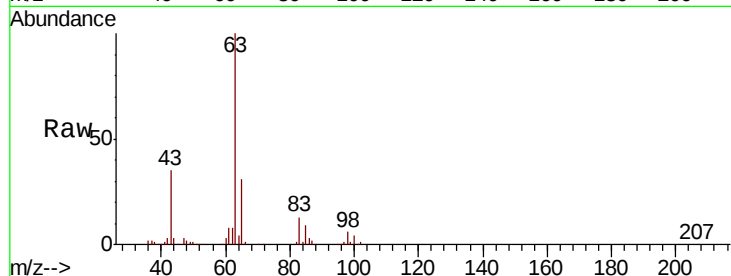
Tot Ion: 63 Resp: 744346

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.6

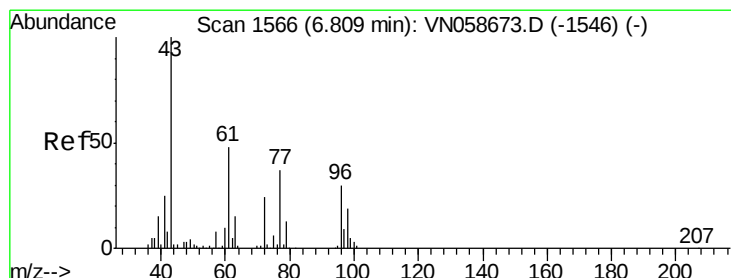
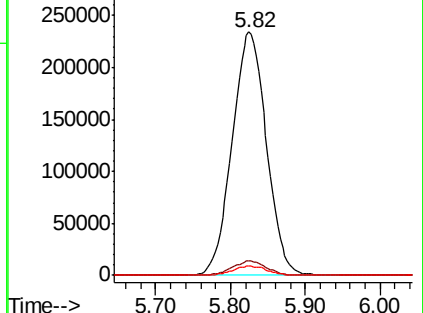
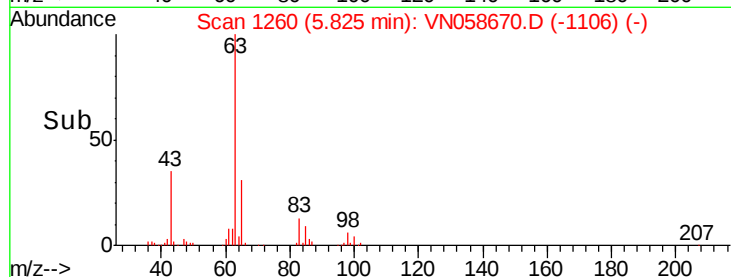
100 3.7 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN058670.D (-1106) (-)

Ion 98.00 (97.70 to 98.70): VN058670.D (-1106) (-)

Ion 100.00 (99.70 to 100.70): VN058670.D (-1106) (-)



#22

cis-1,2-Dichloroethene

Concen: 81.068 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

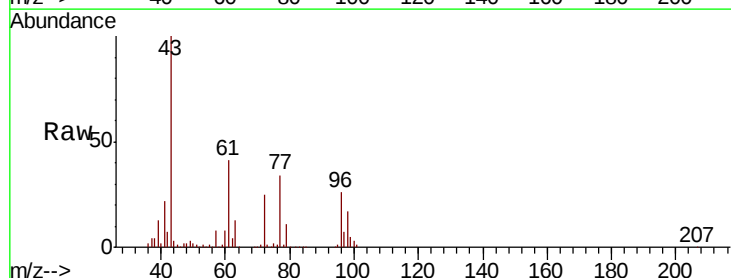
Tgt Ion: 96 Resp: 431705

Ion Ratio Lower Upper

96 100

61 161.3 127.2 190.8

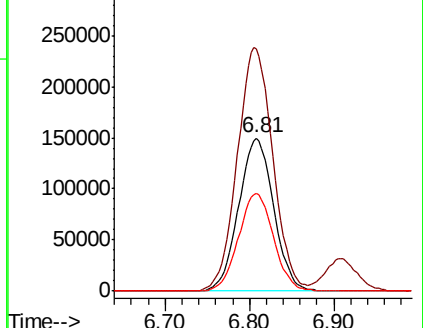
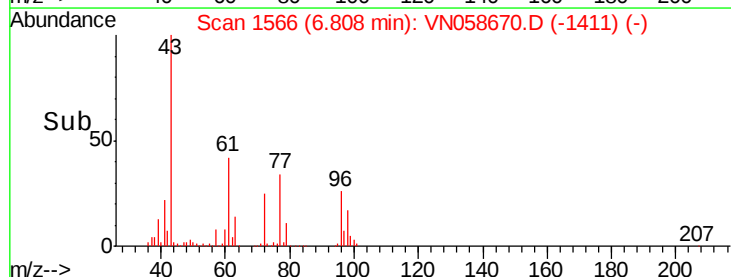
98 64.0 50.5 75.7

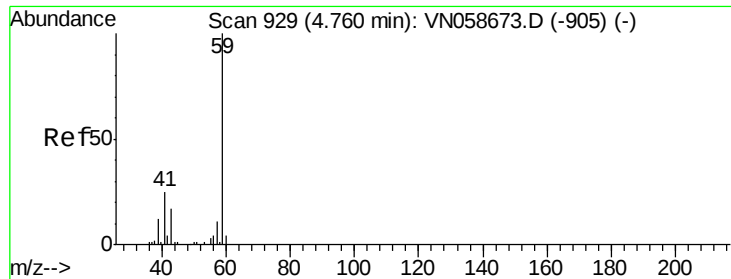


Abundance Ion 96.00 (95.70 to 96.70): VN058670.D (-1411) (-)

Ion 61.00 (60.70 to 61.70): VN058670.D (-1411) (-)

Ion 98.00 (97.70 to 98.70): VN058670.D (-1411) (-)



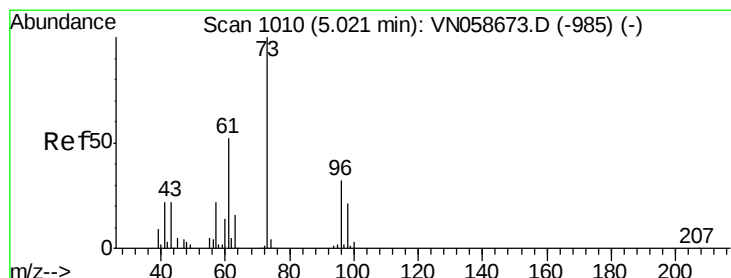
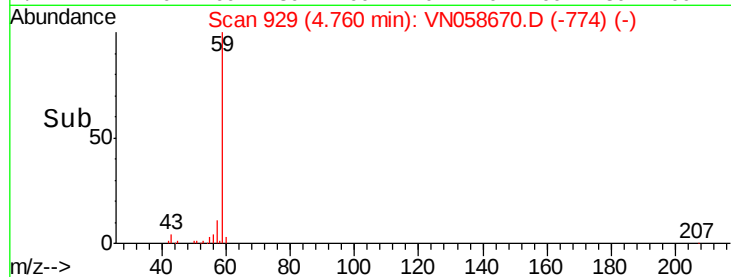
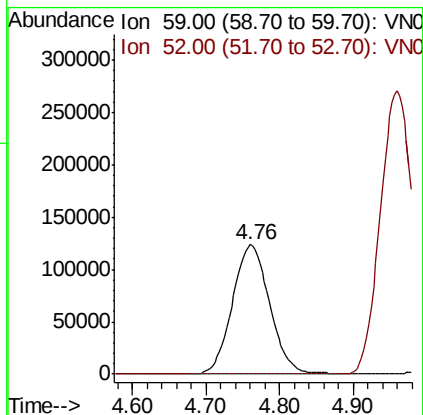
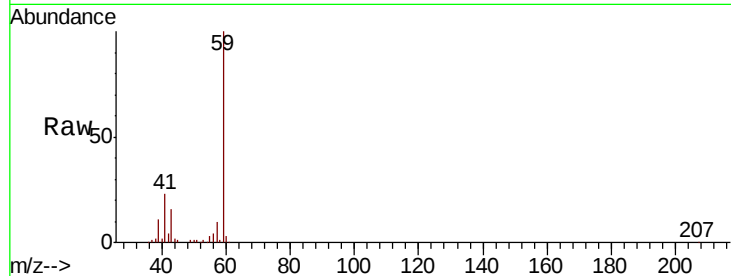


#23

tert-Butyl Alcohol
Concen: 500.281 ug/l
RT: 4.76 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

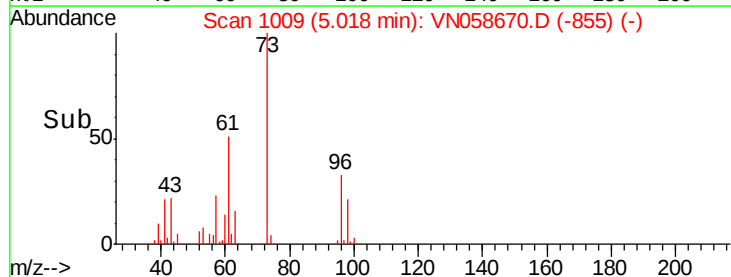
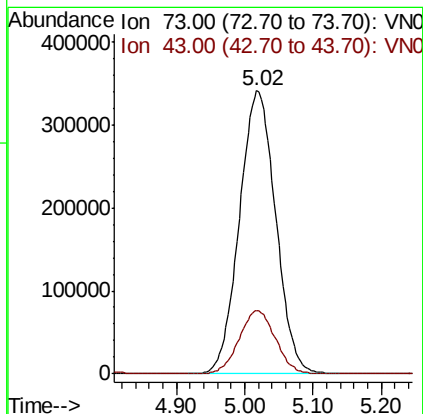
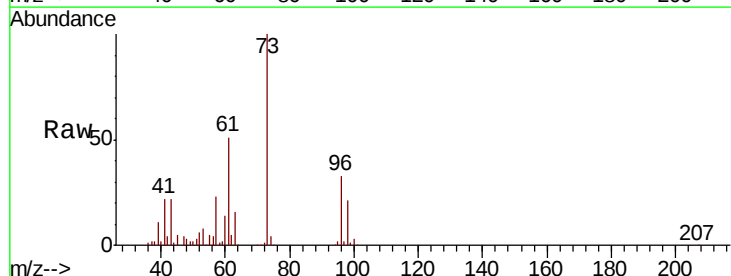
Tot Ion: 59 Resp: 435685
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

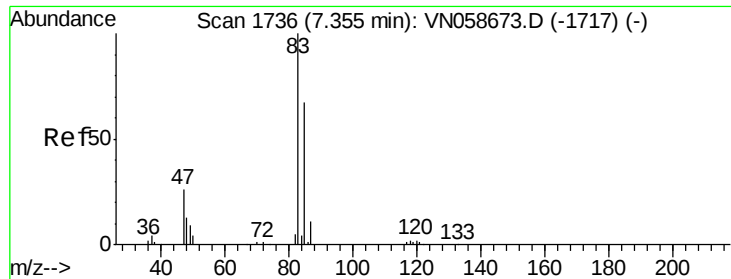


#24

Methyl tert-Butyl Ether
Concen: 85.104 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 73 Resp: 1258158
Ion Ratio Lower Upper
73 100
43 22.1 17.9 26.9

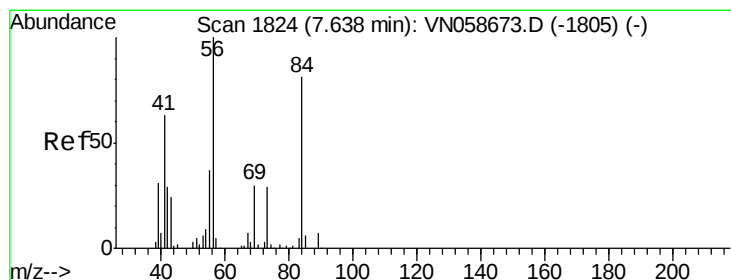
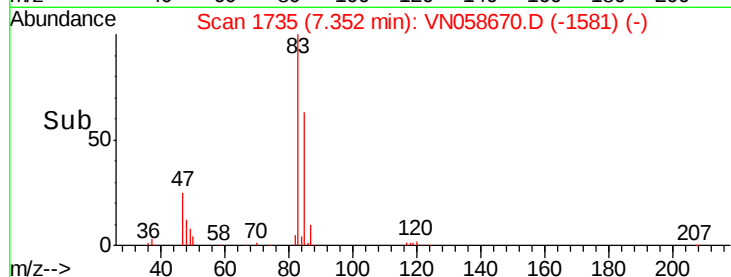
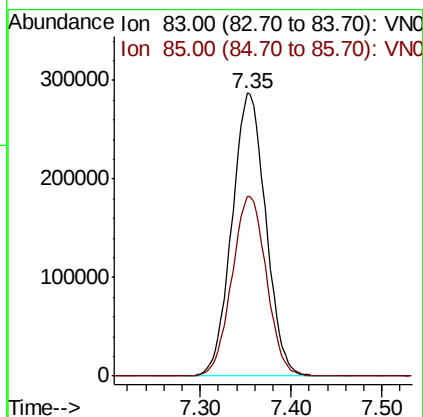
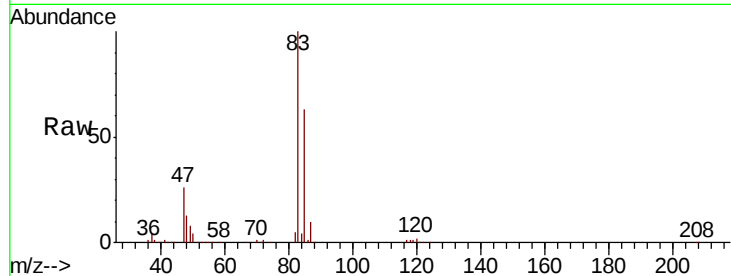




#25
Chloroform
Concen: 80.385 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

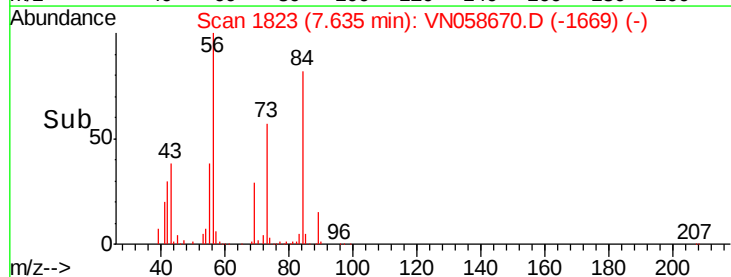
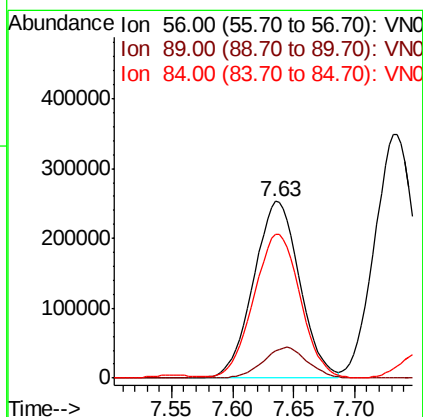
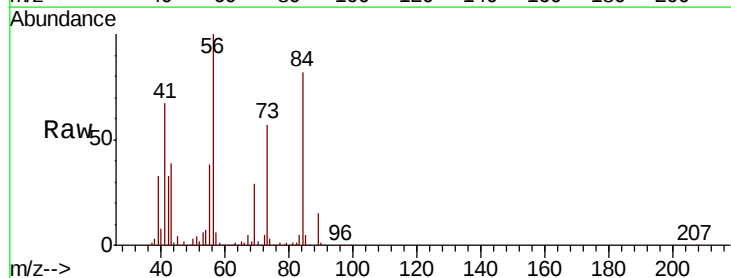
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

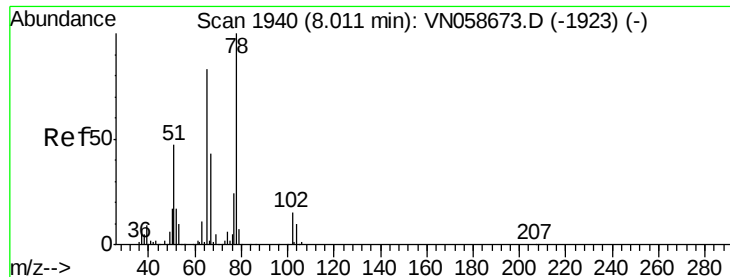
Tot Ion: 83 Resp: 741916
Ion Ratio Lower Upper
83 100
85 63.3 53.8 80.8



#26
Cyclohexane
Concen: 78.981 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 56 Resp: 664101
Ion Ratio Lower Upper
56 100
89 16.8 6.2 9.2#
84 82.6 65.6 98.4





#27

1,2-Dichloroethane-d4

Concen: 28.213 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

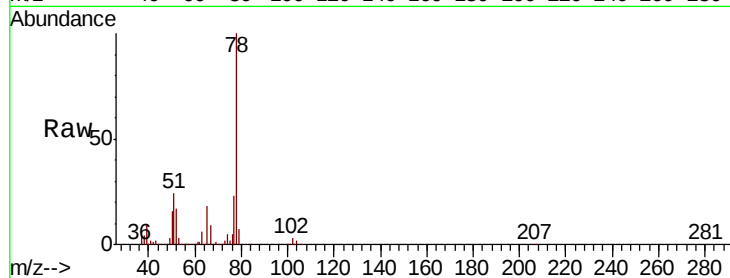
VSTDIC100

Tot Ion: 65 Resp: 184572

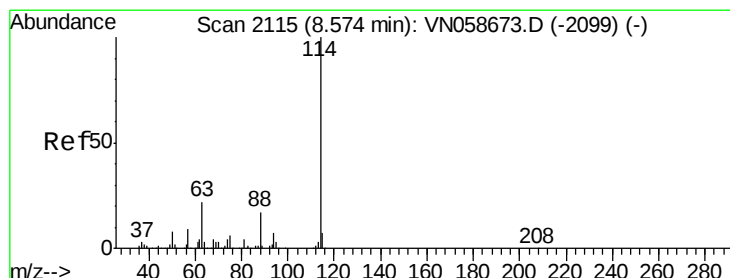
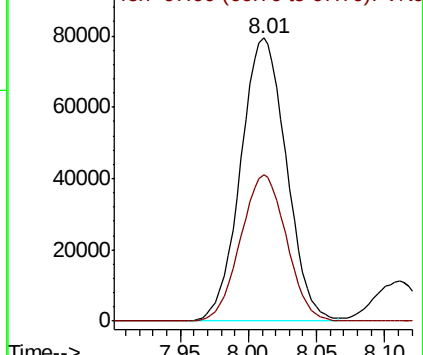
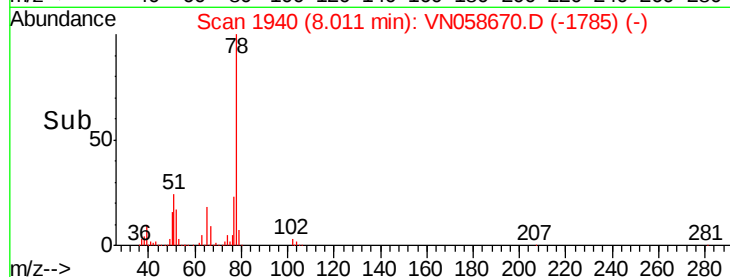
Ion Ratio Lower Upper

65 100

67 52.0 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN058670.D (-1785) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

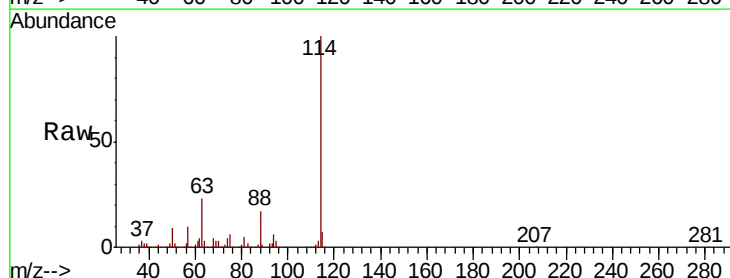
Tgt Ion: 114 Resp: 413304

Ion Ratio Lower Upper

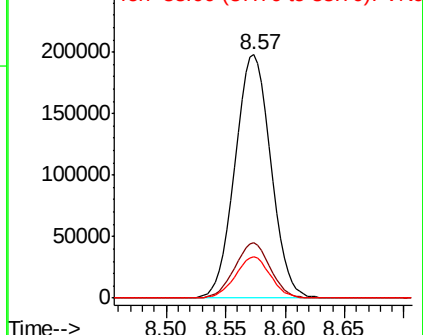
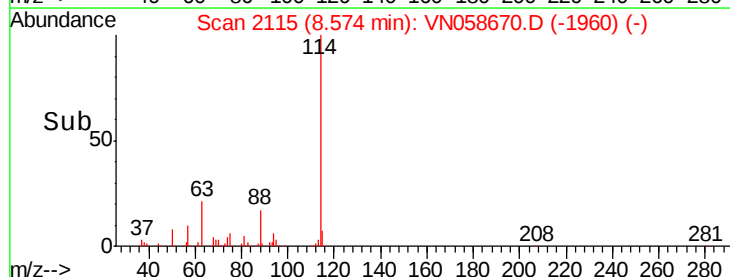
114 100

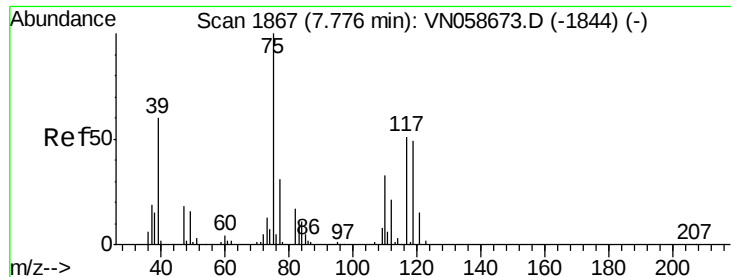
63 22.5 18.1 27.1

88 16.6 13.0 19.4



Abundance Ion 114.00 (113.70 to 114.70): VN058670.D (-1960) (-)

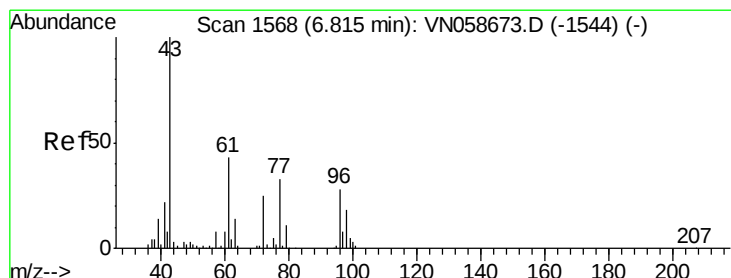
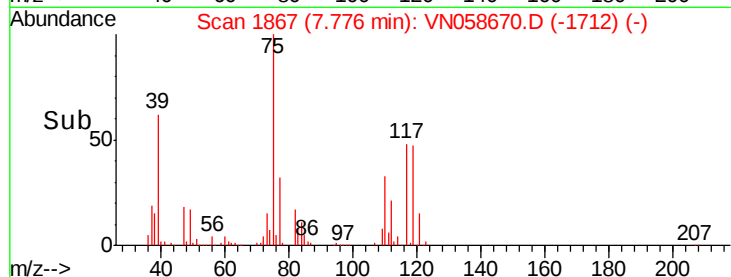
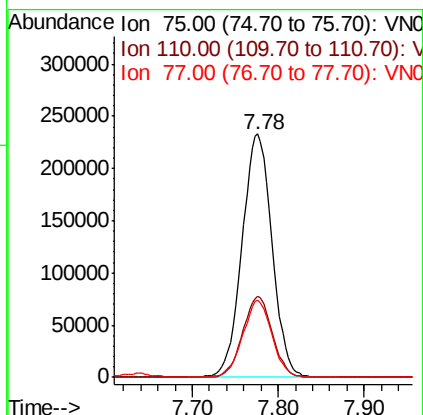
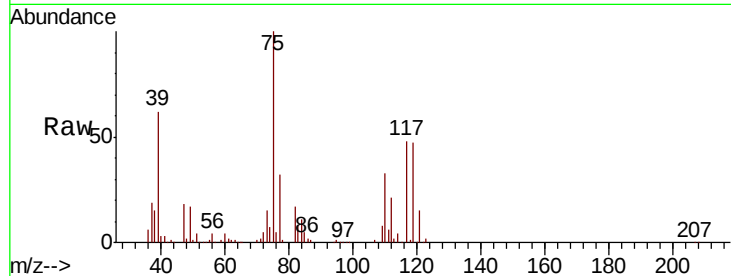




#29
 1,1-Dichloropropene
 Concen: 83.592 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

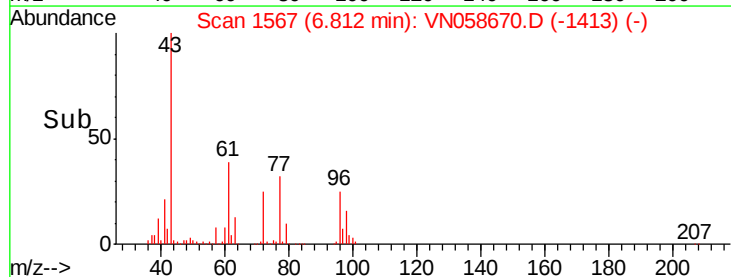
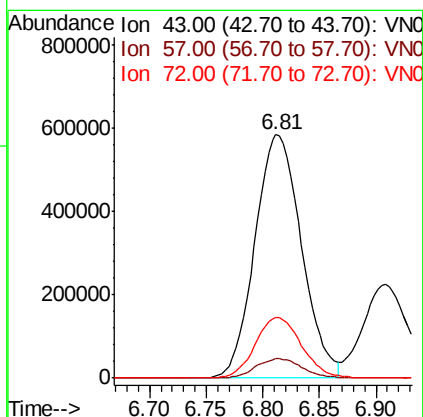
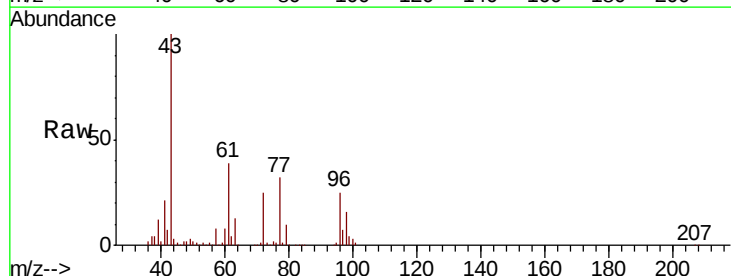
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

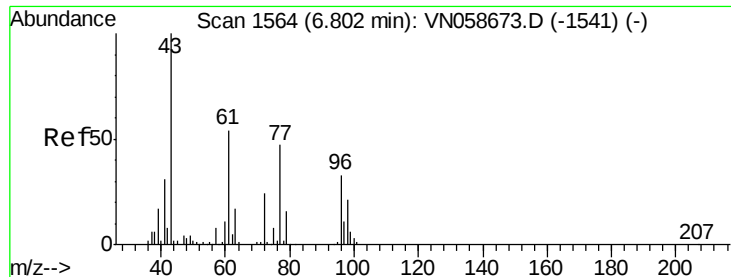
Tot Ion	Ratio	Lower	Upper
75	100		
110	32.6	0.0	64.6
77	31.0	0.0	60.8



#30
 2-Butanone
 Concen: 522.047 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.5	9.7
72	25.1	20.1	30.1

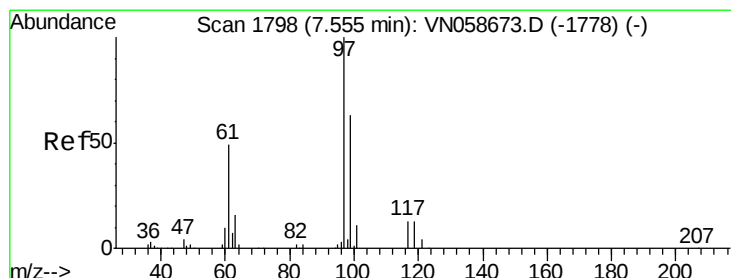
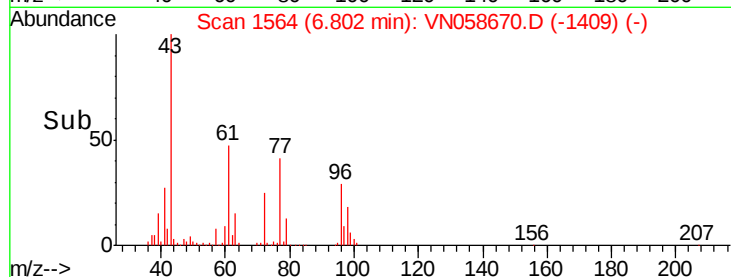
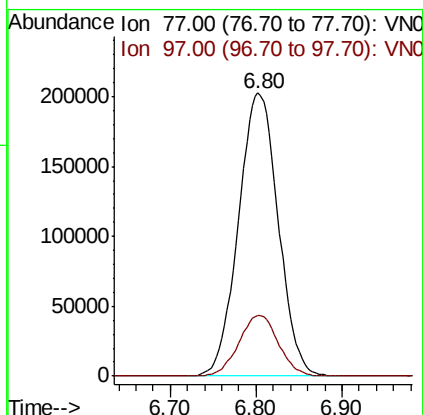
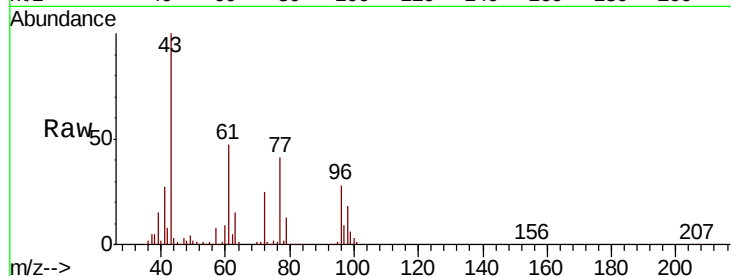




#31
 2,2-Dichloropropane
 Concen: 91.452 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

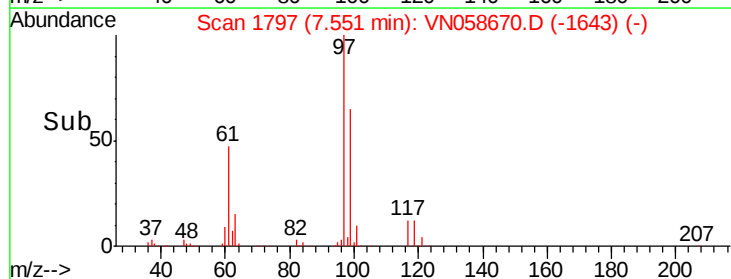
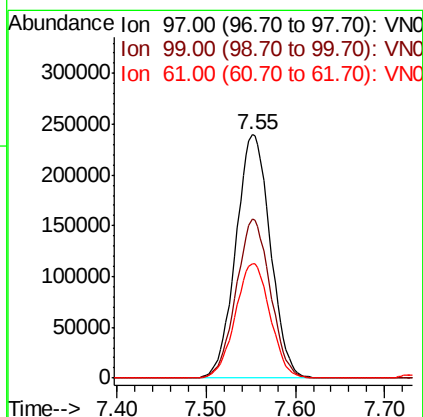
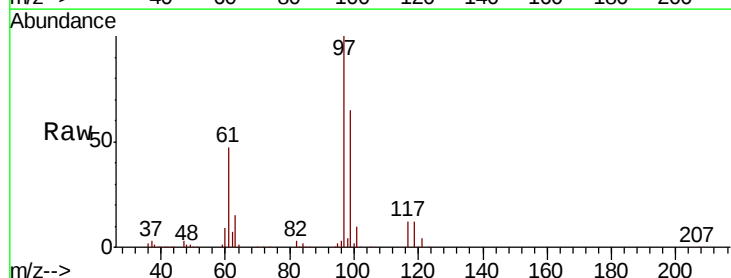
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

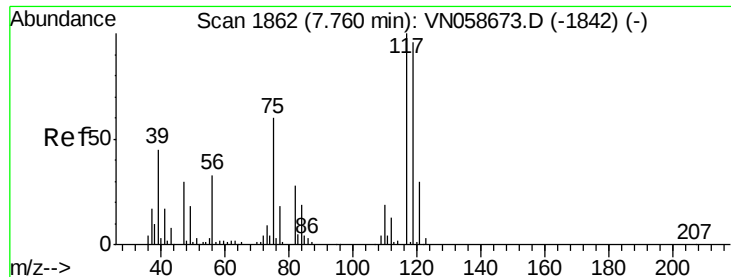
Tot Ion: 77 Resp: 650860
 Ion Ratio Lower Upper
 77 100
 97 21.3 17.9 26.9



#32
 1,1,1-Trichloroethane
 Concen: 86.523 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

Tgt Ion: 97 Resp: 642316
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.3 76.9
 61 47.6 38.4 57.6

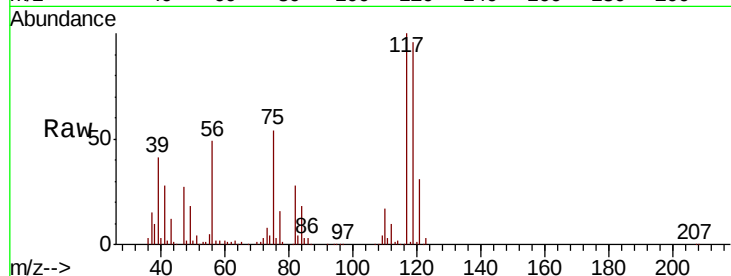




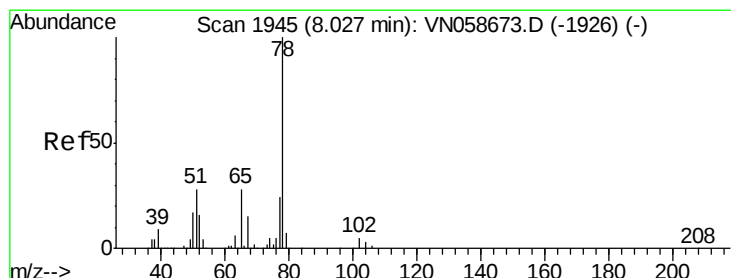
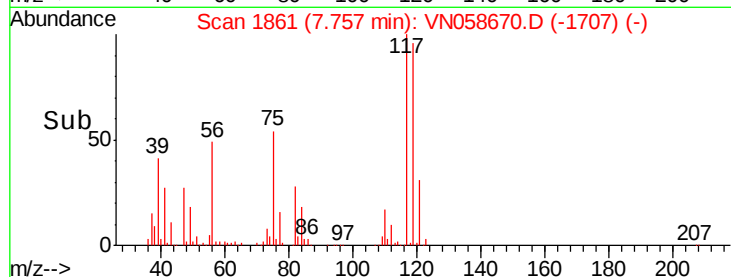
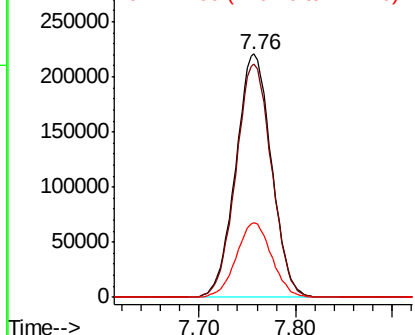
#33
Carbon Tetrachloride
Concen: 89.380 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 565925
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3
121 30.8 23.8 35.8

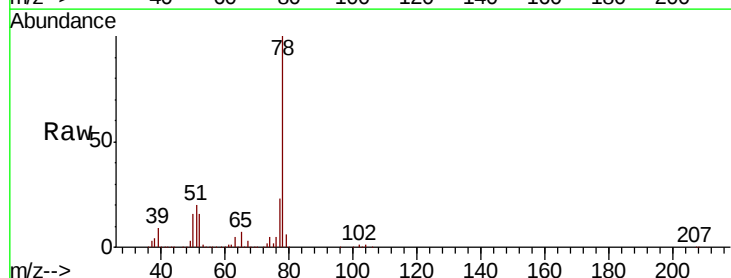


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

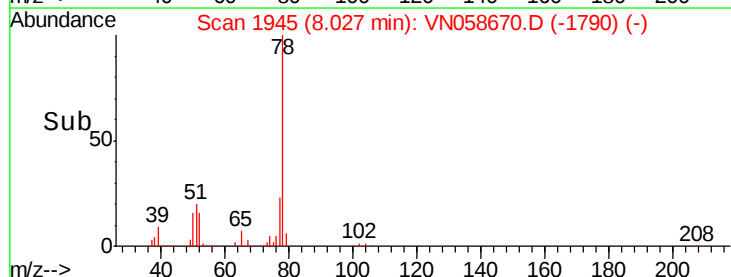
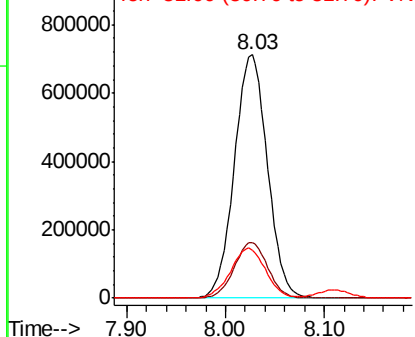


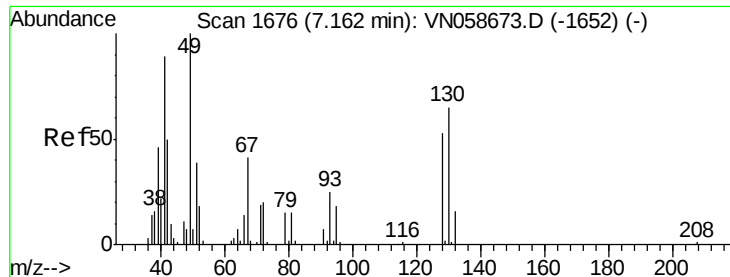
#34
Benzene
Concen: 85.715 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 78 Resp: 1653817
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8
51 19.7 22.1 33.1#



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

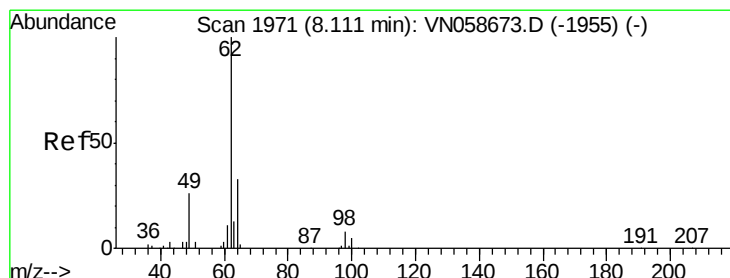
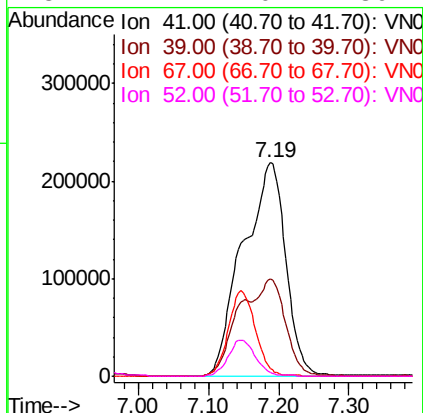
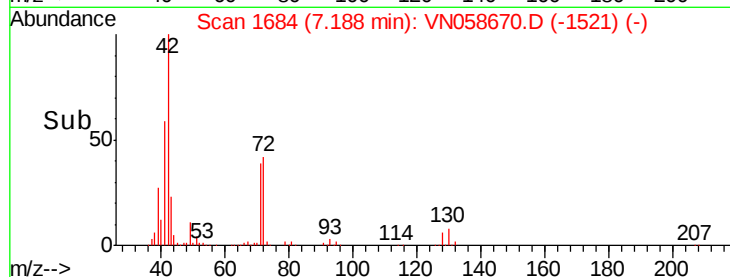
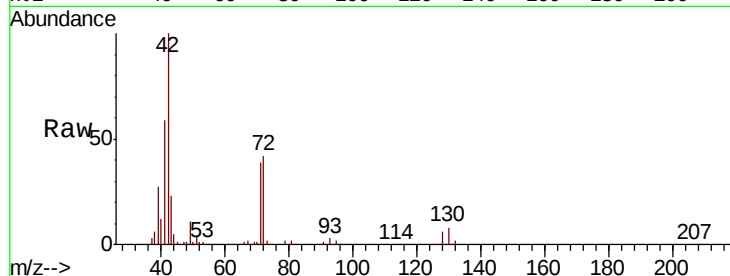




#35
Methacrylonitrile
Concen: 330.592 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

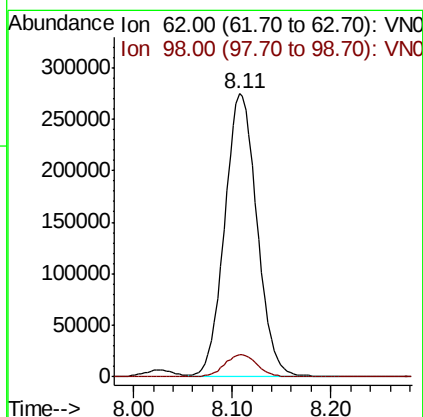
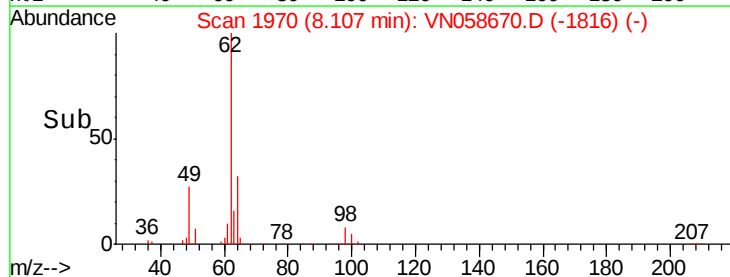
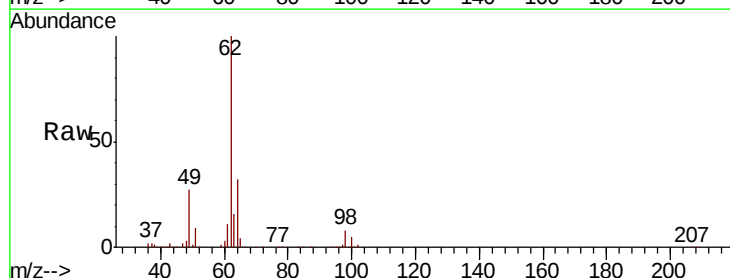
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

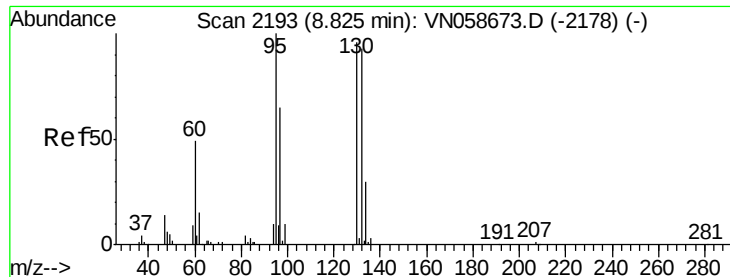
Tot Ion: 41 Resp: 925083
Ion Ratio Lower Upper
41 100
39 45.5 25.8 77.4
67 3.9 23.0 69.0#
52 1.7 10.1 30.1#



#36
1,2-Dichloroethane
Concen: 83.349 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 62 Resp: 629398
Ion Ratio Lower Upper
62 100
98 7.9 6.4 9.6





#37

Trichloroethene

Concen: 84.883 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

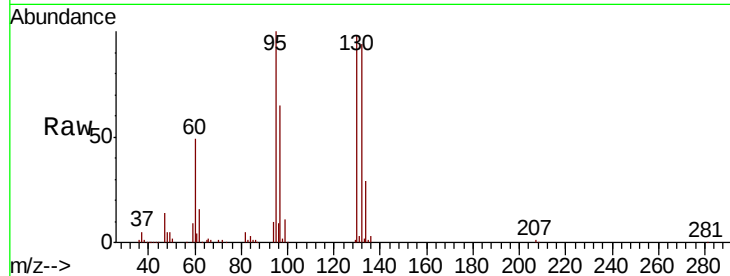
VSTDIC100

Tot Ion:130 Resp: 409298

Ion Ratio Lower Upper

130 100

95 101.8 83.2 124.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.82

200000

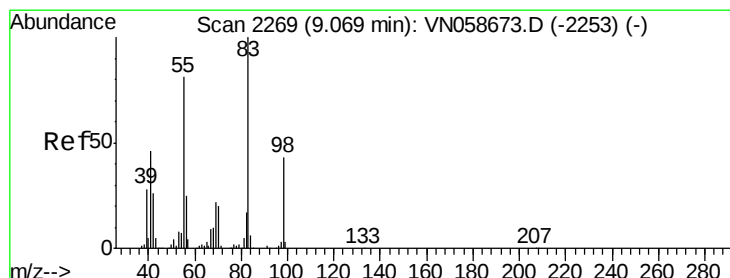
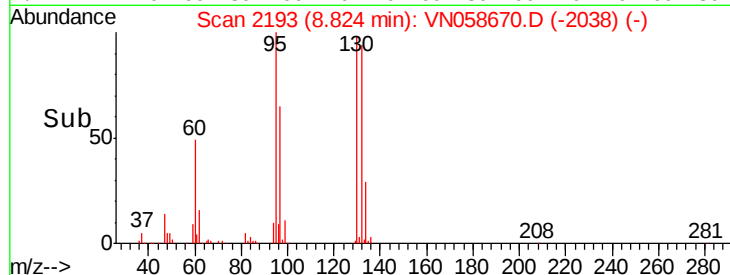
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 81.713 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

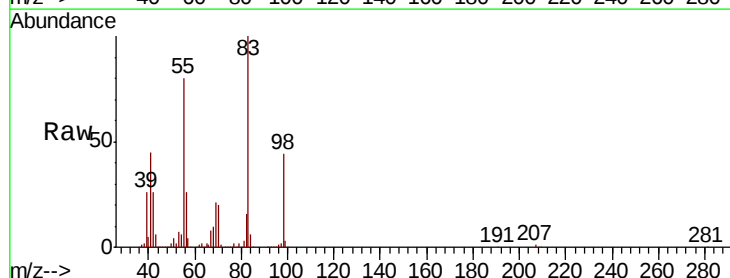
Tgt Ion: 83 Resp: 663811

Ion Ratio Lower Upper

83 100

55 80.0 40.4 121.1

98 44.5 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

9.07

400000

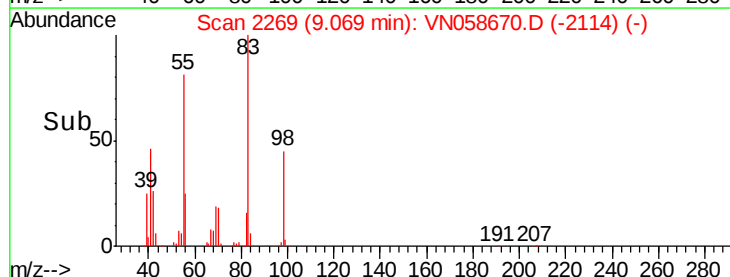
300000

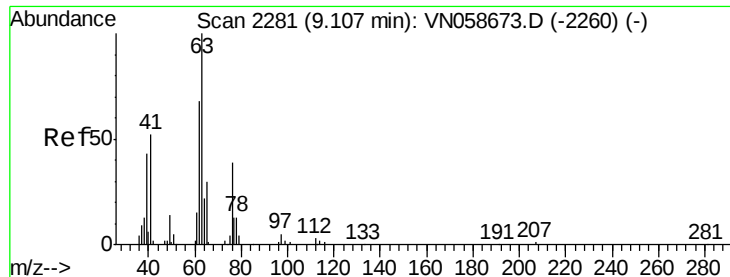
200000

100000

0

Time-->

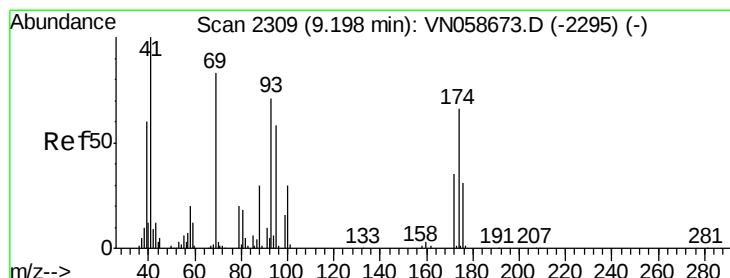
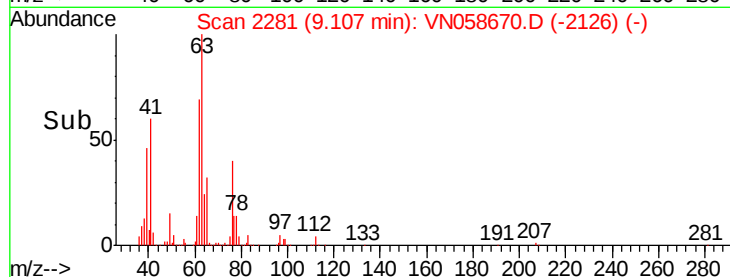
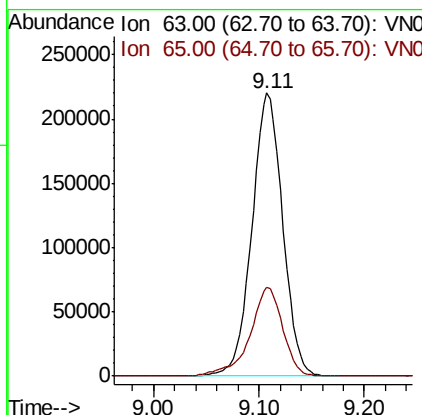
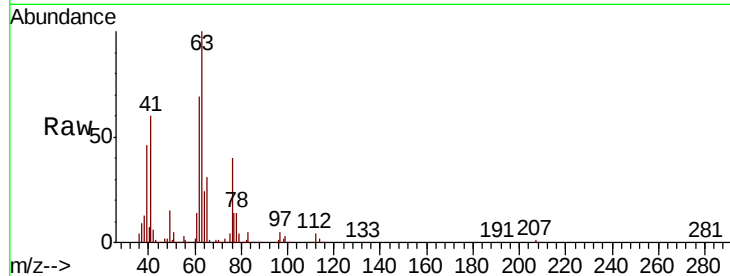




#39
 1,2-Dichloropropane
 Concen: 84.454 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

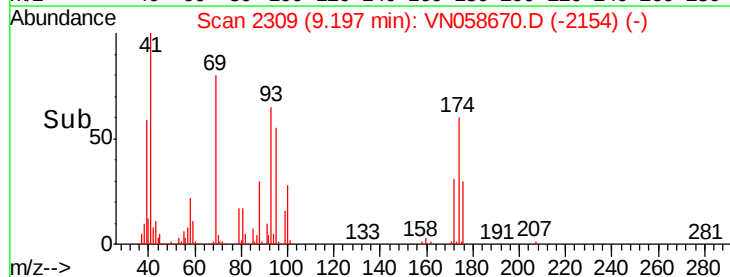
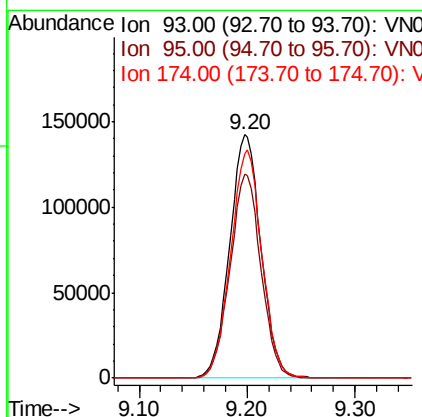
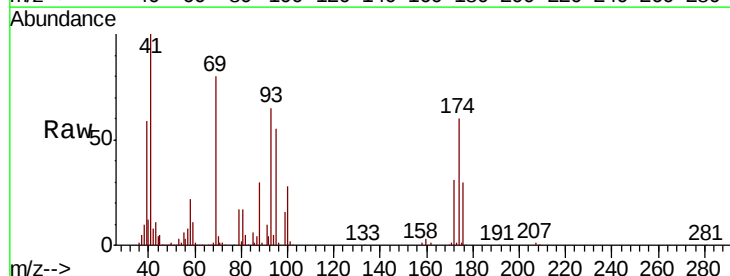
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

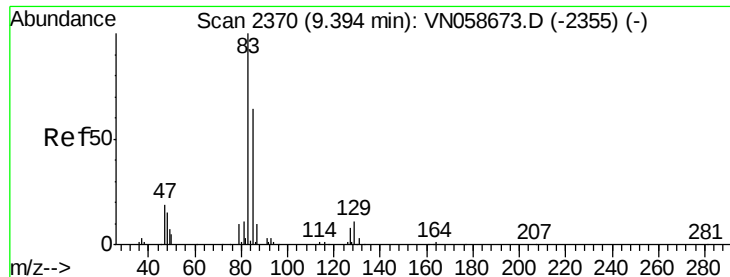
Tot Ion: 63 Resp: 447598
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.8 35.6



#40
 Dibromomethane
 Concen: 86.502 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

Tgt Ion: 93 Resp: 288468
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 167.6
 174 93.4 0.0 187.2





#41

Bromodichloromethane

Concen: 89.529 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

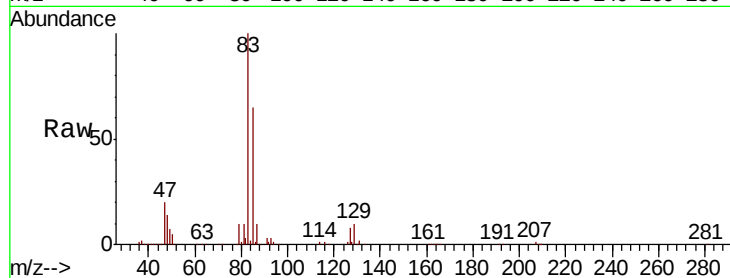
Tot Ion: 83 Resp: 596292

Ion Ratio Lower Upper

83 100

85 64.7 51.0 76.4

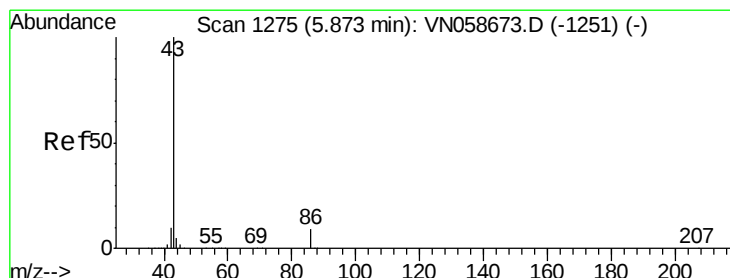
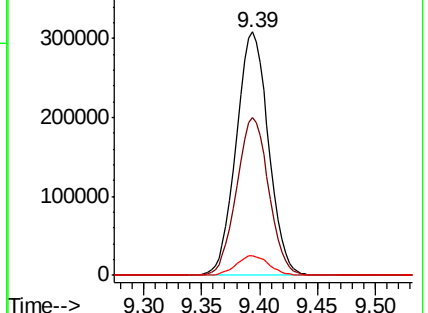
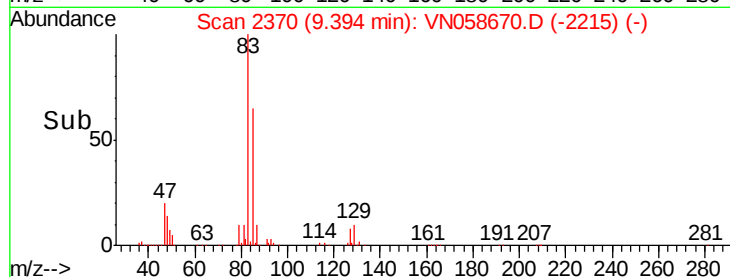
127 8.1 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN058670.D (-1120) (-)

Ion 85.00 (84.70 to 85.70): VN058670.D (-1120) (-)

Ion 127.00 (126.70 to 127.70): VN058670.D (-1120) (-)



#42

Vinyl Acetate

Concen: 483.370 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058670.D

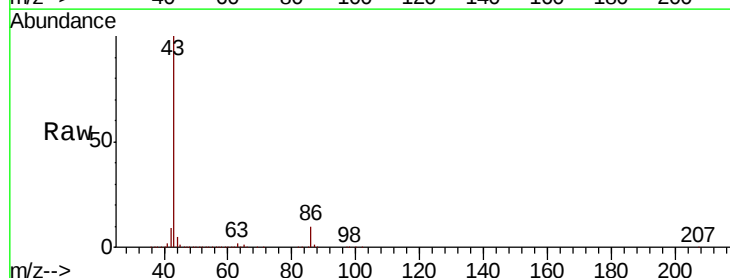
Acq: 10 Oct 2019 17:28

Tgt Ion: 43 Resp: 5784852

Ion Ratio Lower Upper

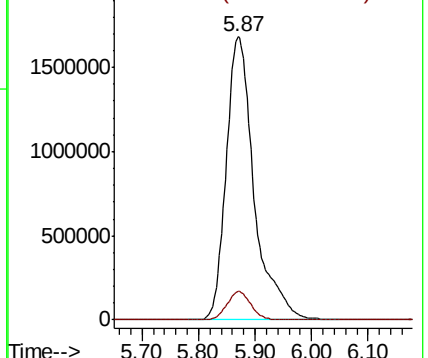
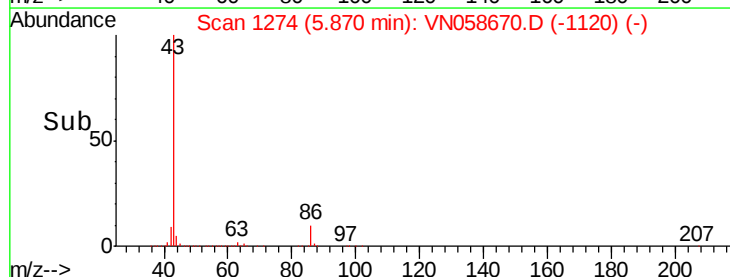
43 100

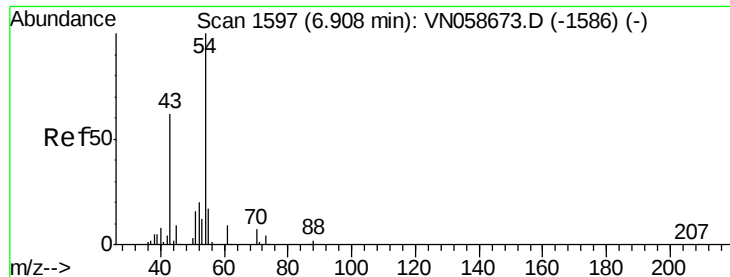
86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN058670.D (-1120) (-)

Ion 86.00 (85.70 to 86.70): VN058670.D (-1120) (-)





#43

Ethyl Acetate

Concen: 97.597 ug/l

RT: 6.91 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

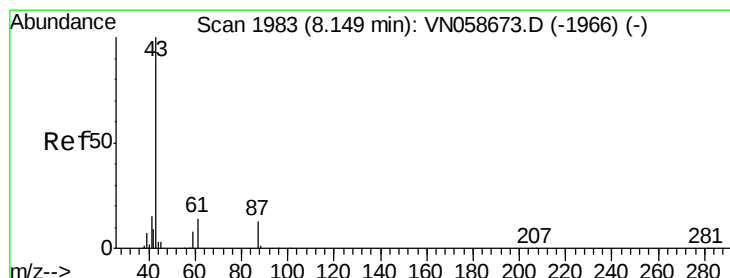
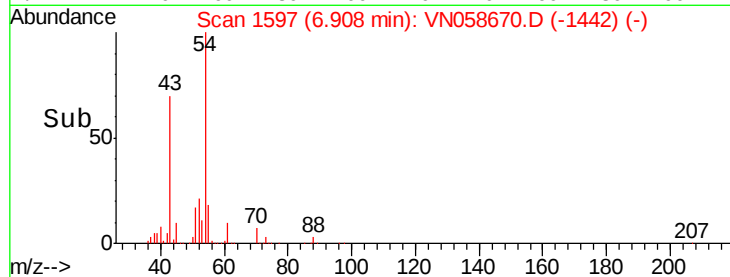
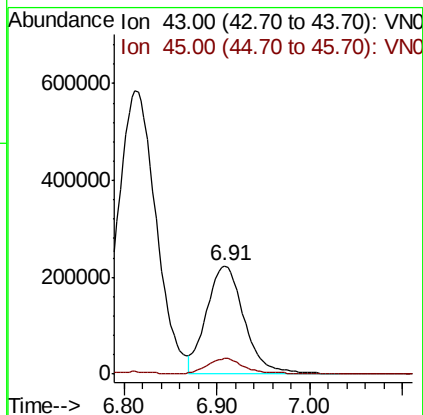
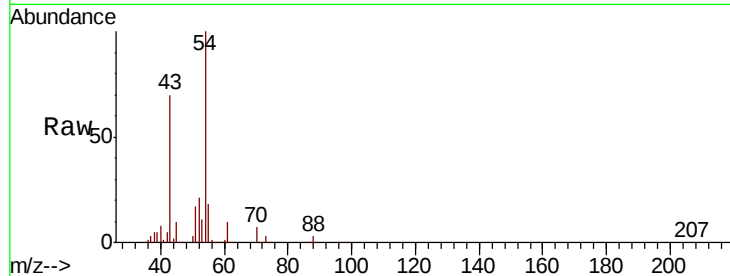
VSTDIC100

Tot Ion: 43 Resp: 624362

Ion Ratio Lower Upper

43 100

45 13.3 9.7 14.5



#44

Isopropyl Acetate

Concen: 93.731 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058670.D

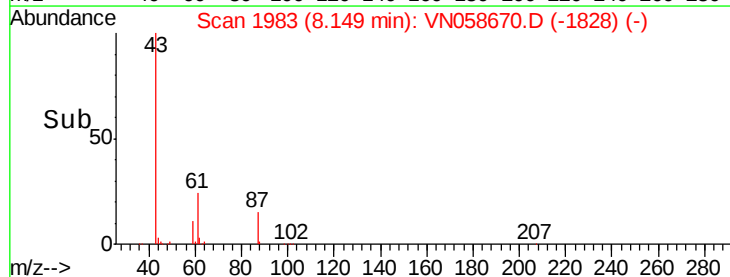
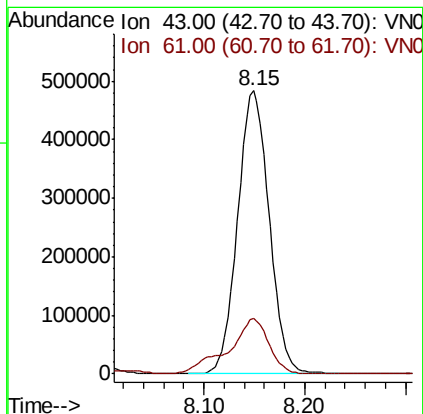
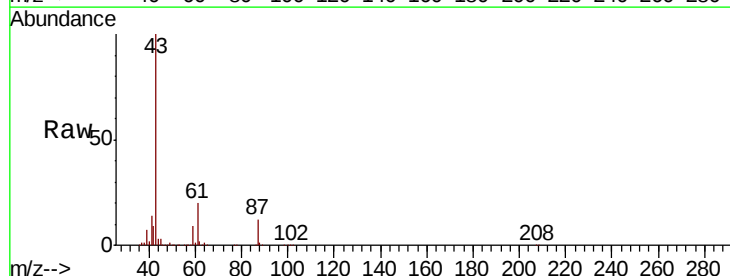
Acq: 10 Oct 2019 17:28

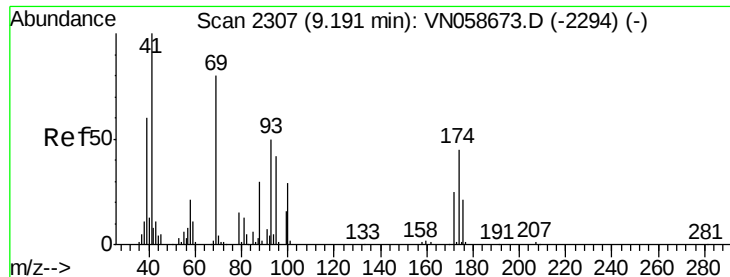
Tgt Ion: 43 Resp: 1043923

Ion Ratio Lower Upper

43 100

61 25.1 19.9 29.9

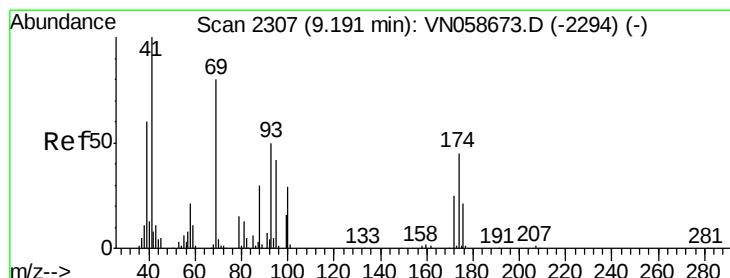
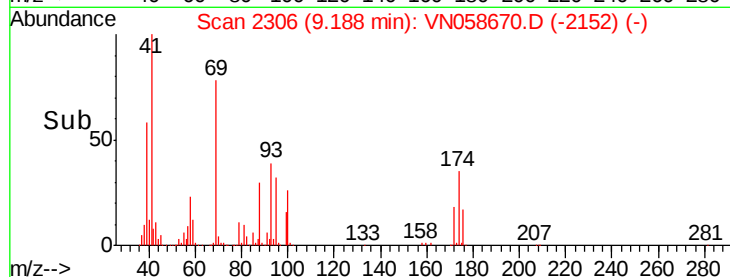
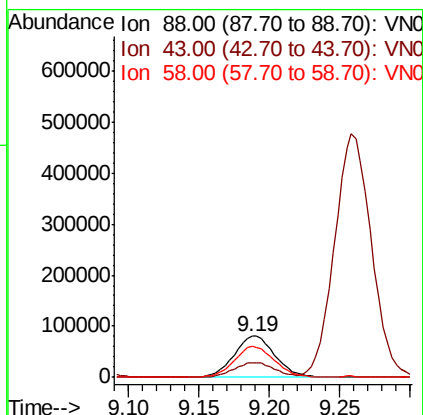
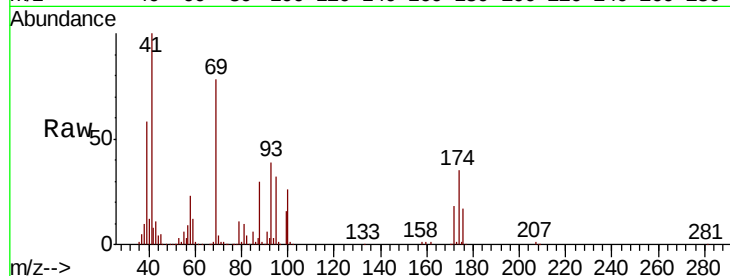




#45
 1,4-Dioxane
 Concen: 1789.439 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

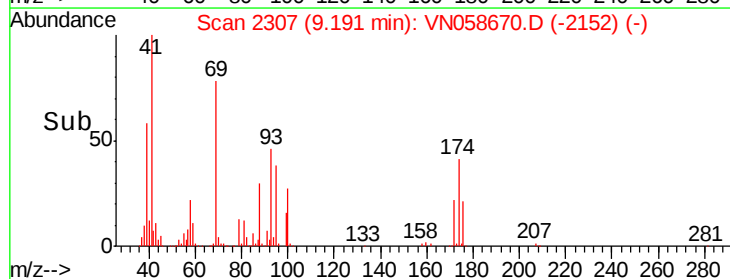
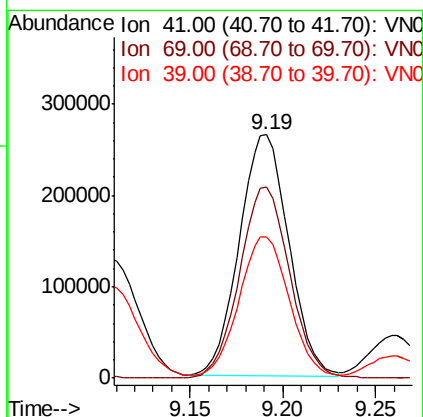
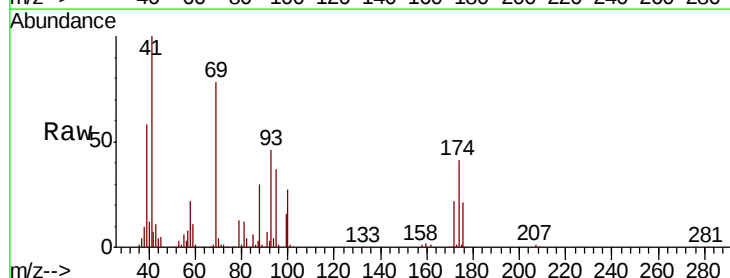
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

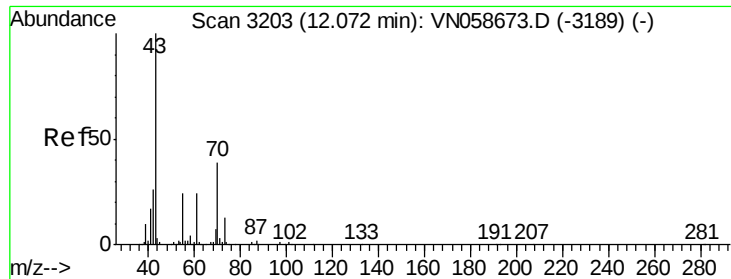
Tot Ion: 88 Resp: 163381
 Ion Ratio Lower Upper
 88 100
 43 35.6 29.8 44.8
 58 73.9 58.2 87.4



#46
 Methyl methacrylate
 Concen: 93.272 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

Tgt Ion: 41 Resp: 489587
 Ion Ratio Lower Upper
 41 100
 69 79.0 40.2 120.5
 39 57.8 29.9 89.8

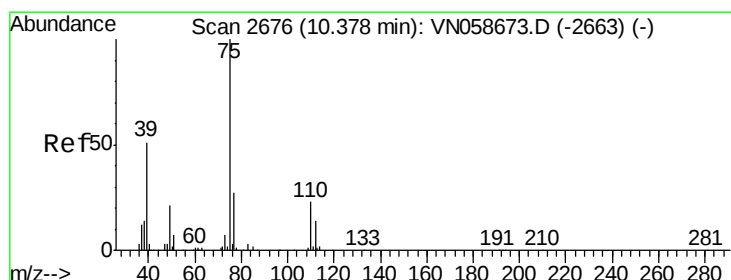
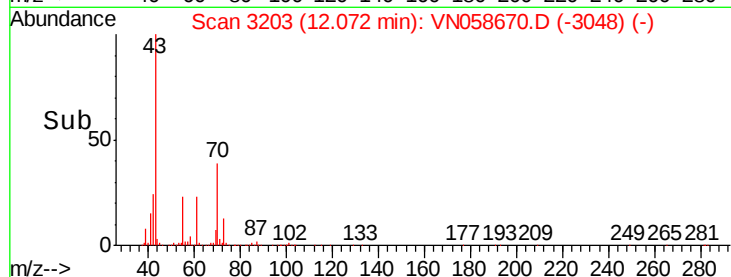
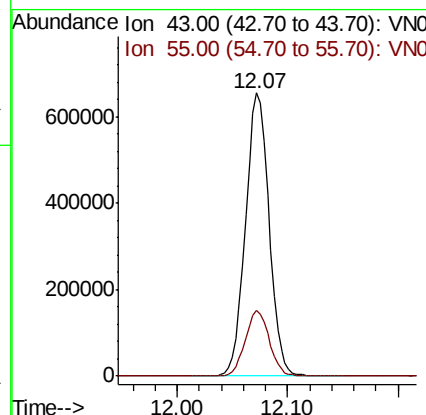
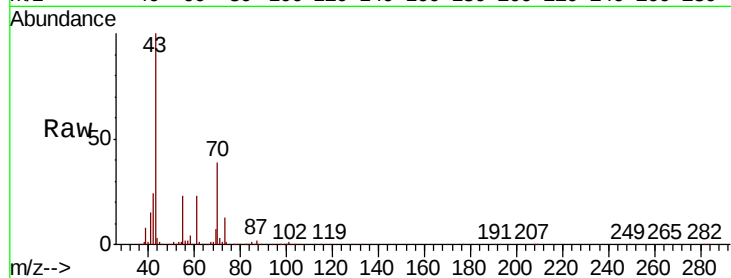




#47
n-amvl Acetate
Concen: 98.873 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

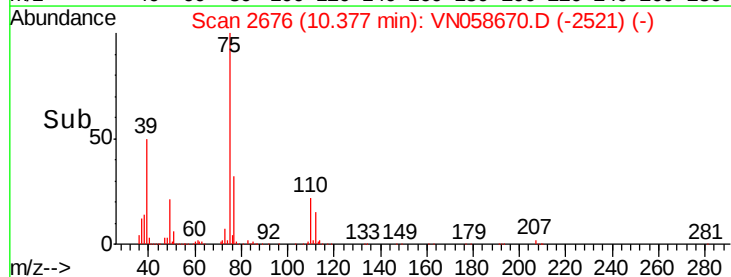
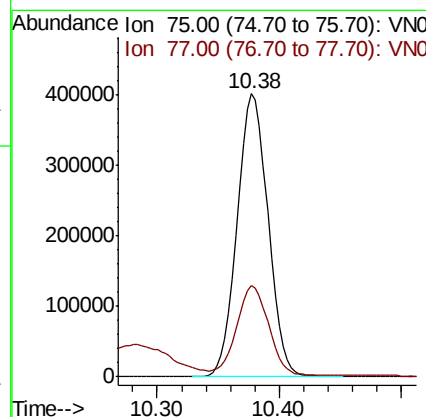
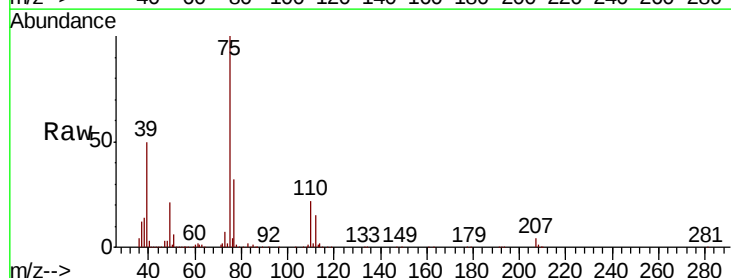
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

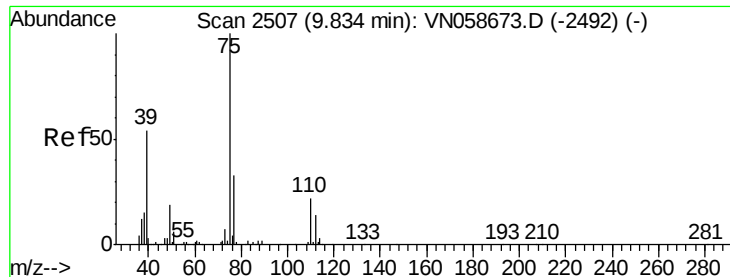
Tot Ion: 43 Resp: 965718
Ion Ratio Lower Upper
43 100
55 23.8 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 95.237 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 75 Resp: 703331
Ion Ratio Lower Upper
75 100
77 31.6 27.0 40.4



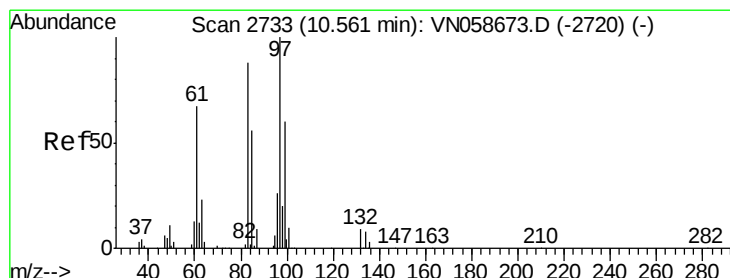
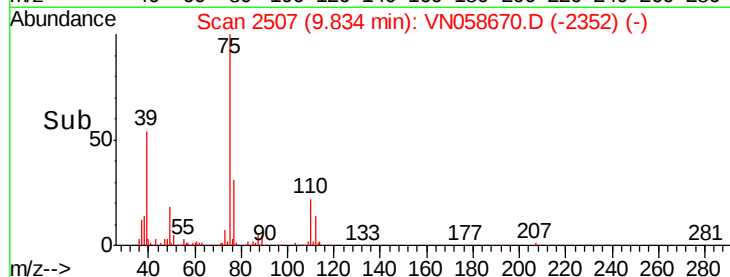
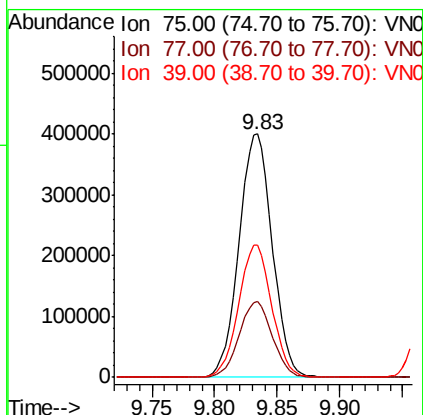
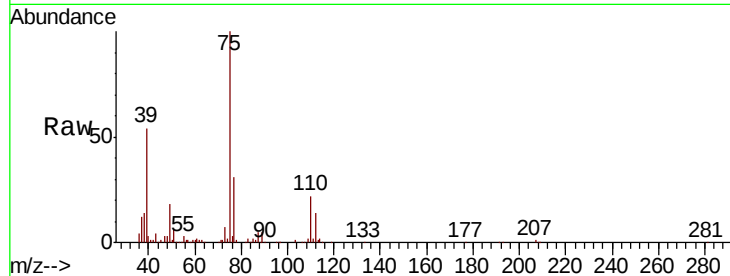


#49

cis-1,3-Dichloropropene
Concen: 91.261 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

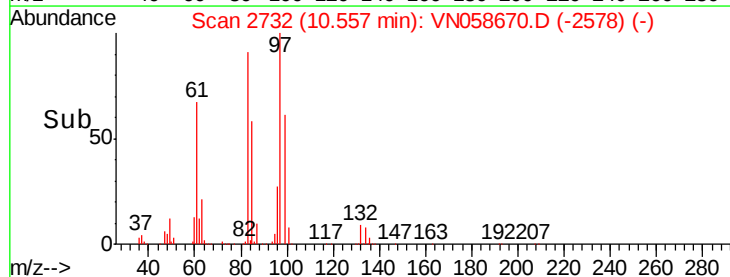
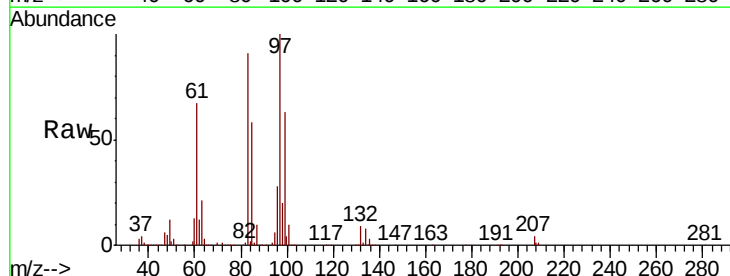
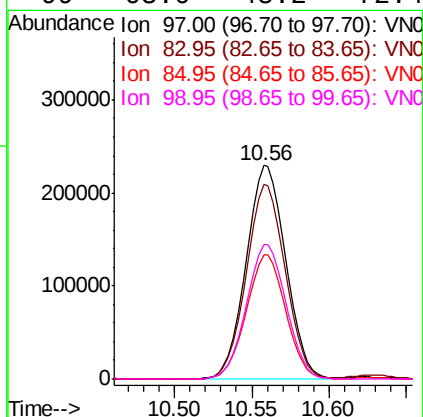
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.1	39.1
39	54.0	43.1	64.7

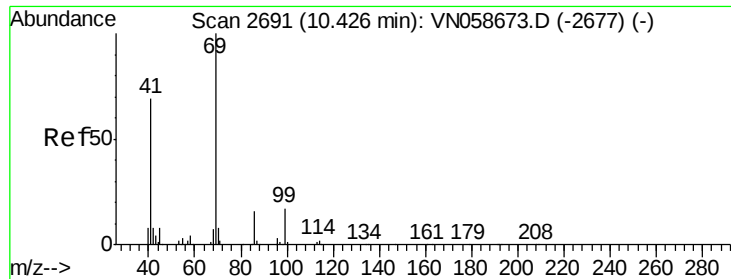


#50

1,1,2-Trichloroethane
Concen: 87.608 ug/l
RT: 10.56 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.1	70.7	106.1
85	58.0	45.1	67.7
99	63.0	48.2	72.4





#51

Ethyl methacrylate

Concen: 93.853 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

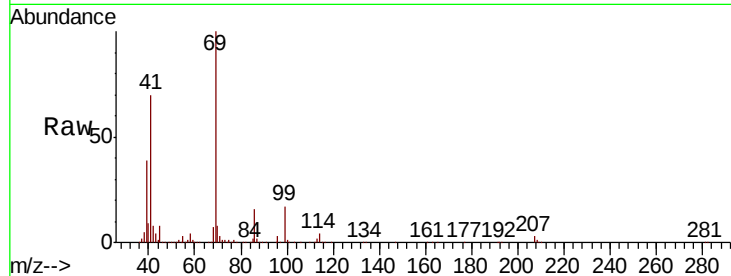
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 69 Resp: 696395

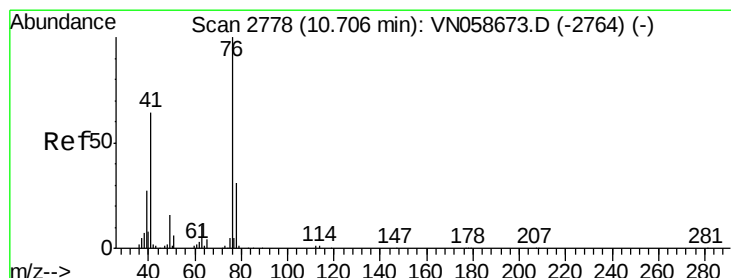
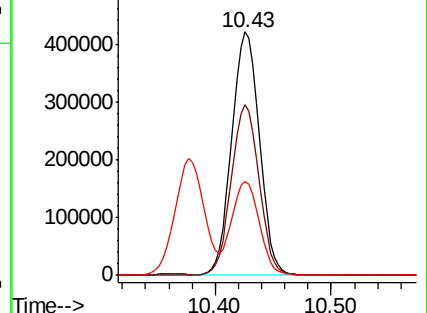
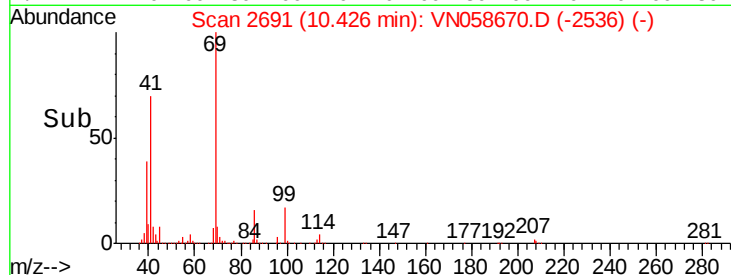
Ion	Ratio	Lower	Upper
69	100		
41	69.7	34.7	104.1
39	38.7	20.3	60.8



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: 87.332 ug/l

RT: 10.71 min Scan# 2778

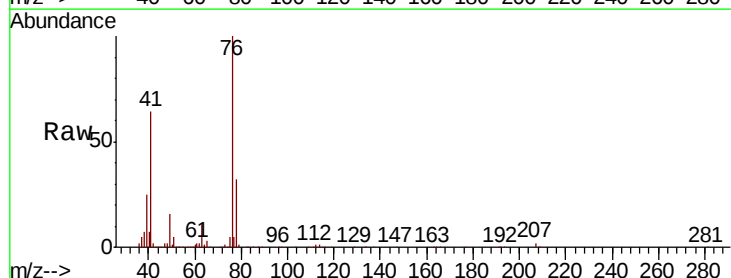
Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

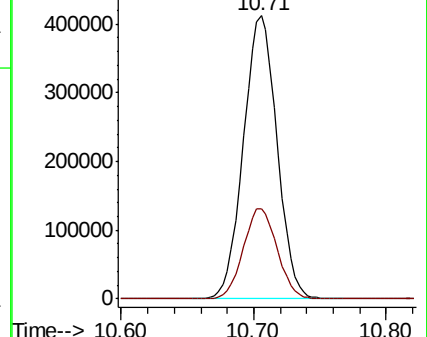
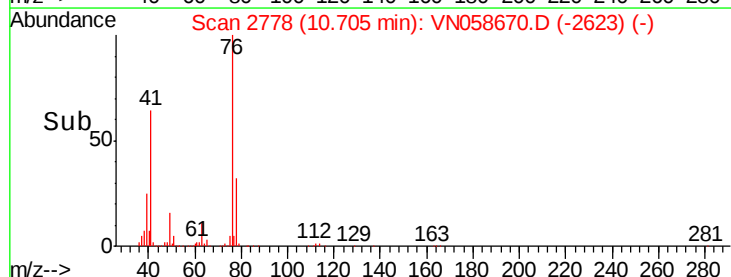
Tgt Ion: 76 Resp: 724668

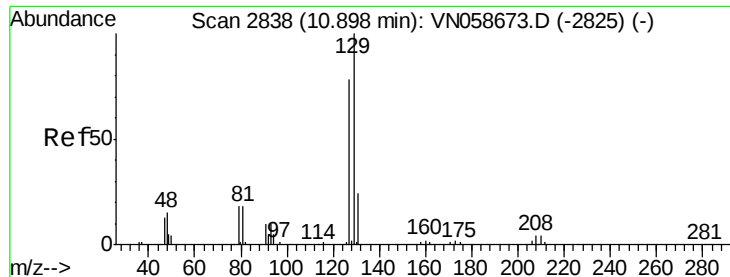
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	63.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 95.552 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

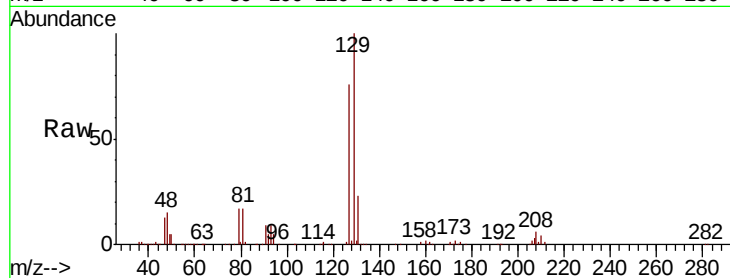
VSTDIC100

Tot Ion:129 Resp: 458164

Ion Ratio Lower Upper

129 100

127 76.8 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

250000

200000

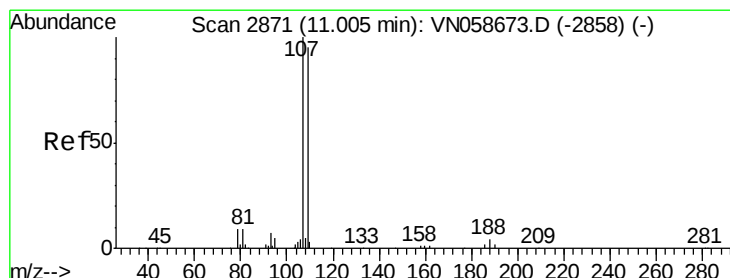
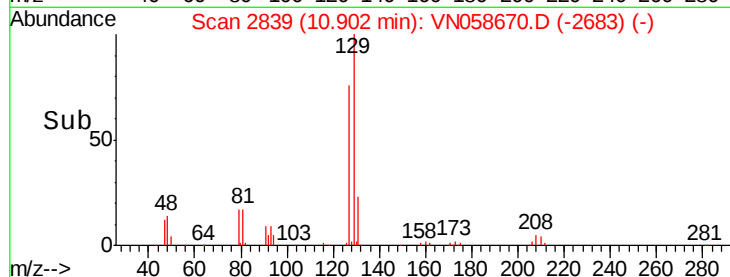
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 90.853 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN058670.D

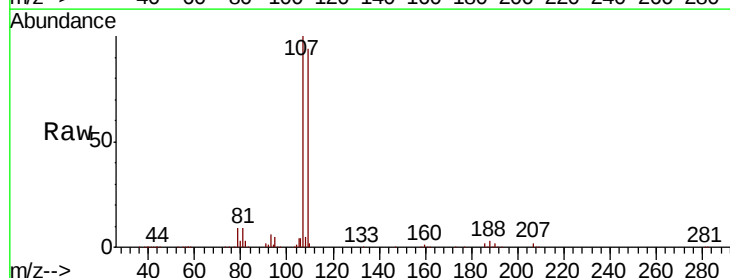
Acq: 10 Oct 2019 17:28

Tgt Ion:107 Resp: 435238

Ion Ratio Lower Upper

107 100

109 94.1 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

250000

200000

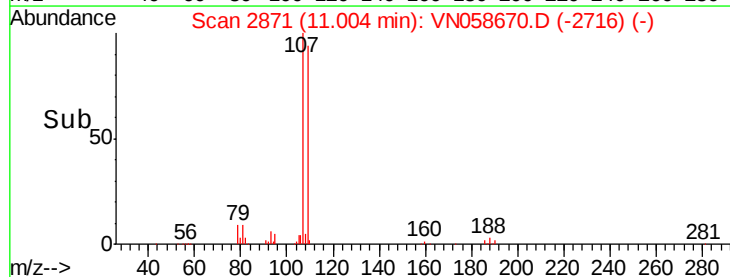
150000

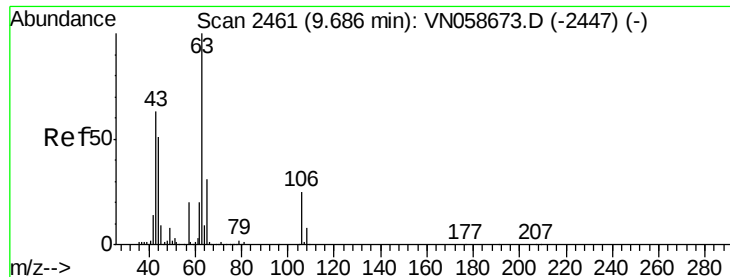
100000

50000

0

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 484.142 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

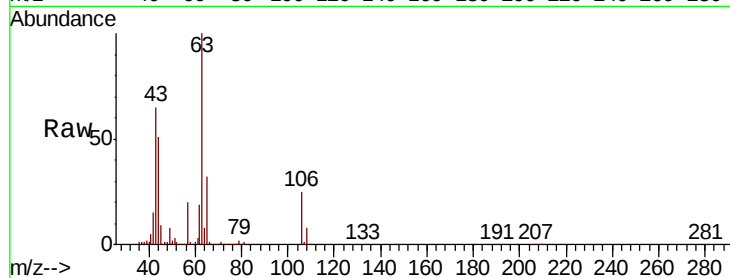
Tot Ion: 63 Resp: 1595635

Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.3	37.9
106	25.2	19.8	29.6

63 100

65 32.1 25.3 37.9

106 25.2 19.8 29.6

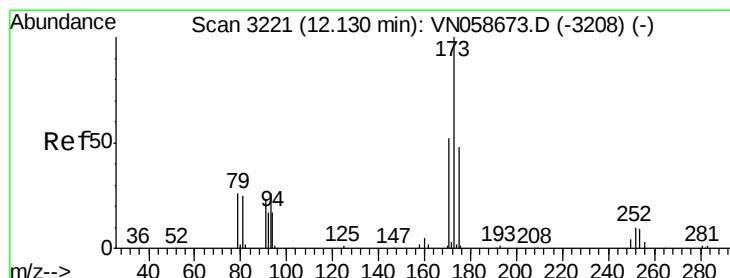
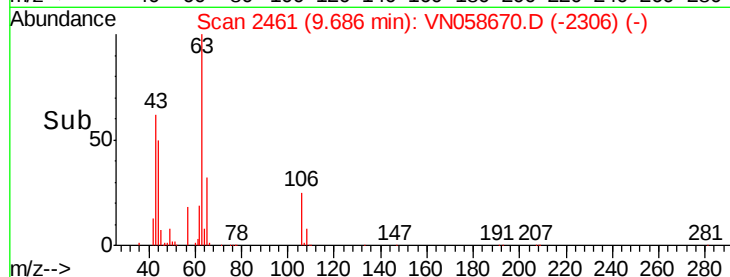
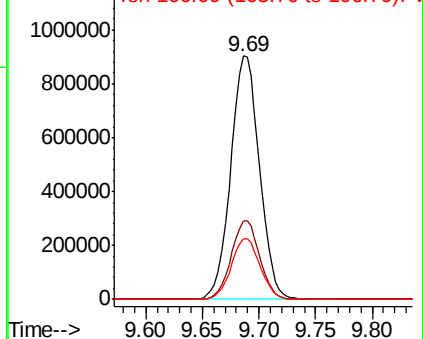


Abundance

Ion 63.00 (62.70 to 63.70): VN058670.D (-2306) (-)

Ion 65.00 (64.70 to 65.70): VN058670.D (-2306) (-)

Ion 106.00 (105.70 to 106.70): VN058670.D (-2306) (-)



#56

Bromoform

Concen: 106.247 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

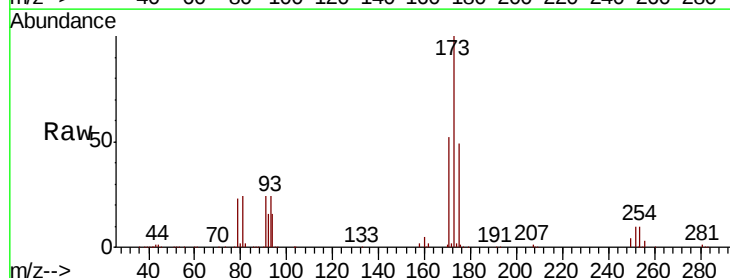
Tgt Ion: 173 Resp: 329679

Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.7	58.1
254	9.9	7.4	11.2

173 100

175 48.8 38.7 58.1

254 9.9 7.4 11.2

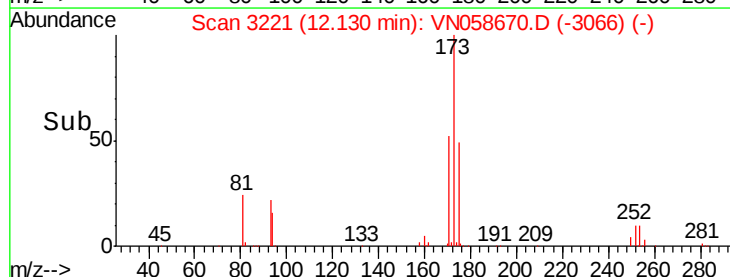
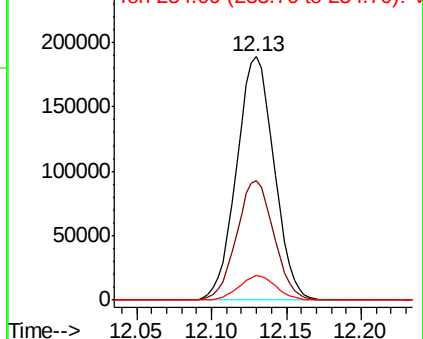


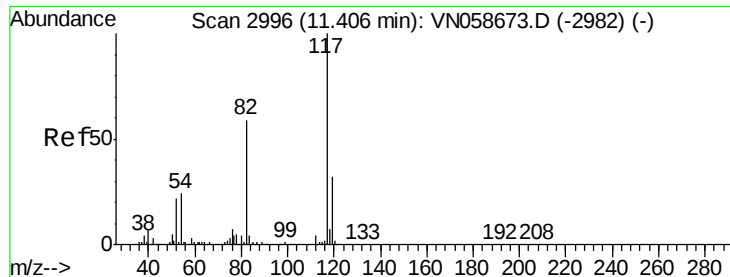
Abundance

Ion 173.00 (172.70 to 173.70): VN058670.D (-3066) (-)

Ion 175.00 (174.70 to 175.70): VN058670.D (-3066) (-)

Ion 254.00 (253.70 to 254.70): VN058670.D (-3066) (-)

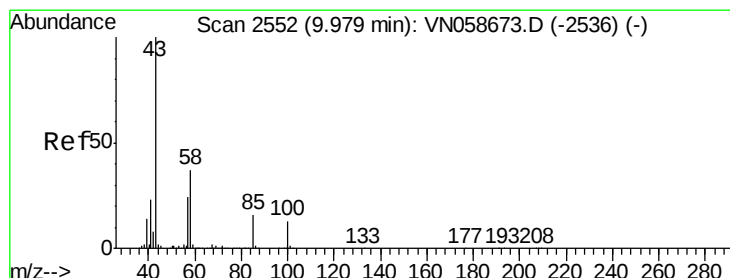
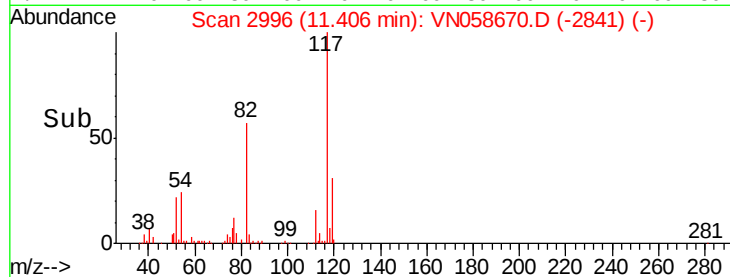
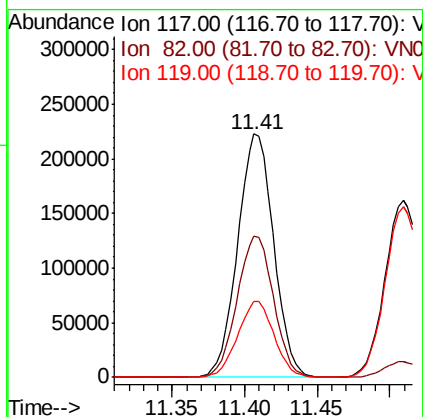
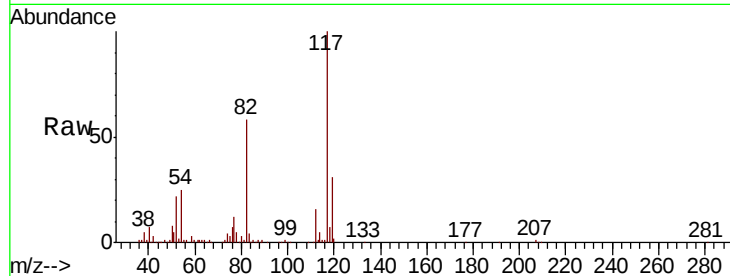




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

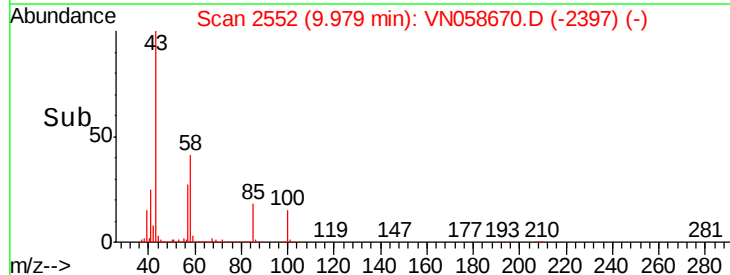
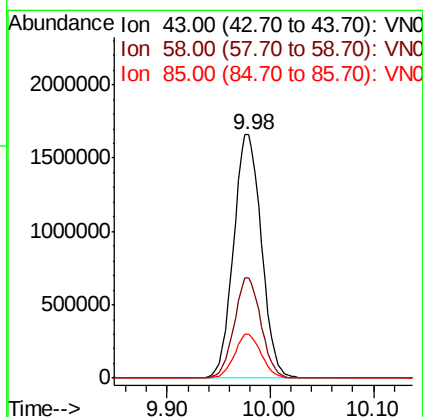
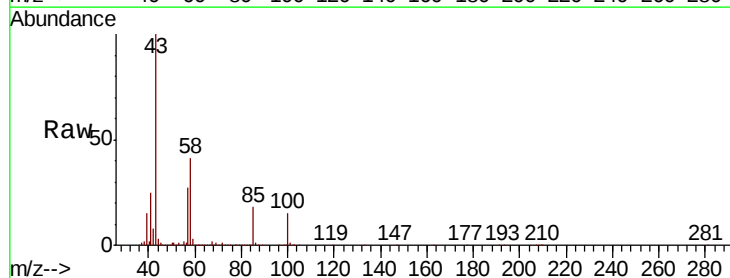
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

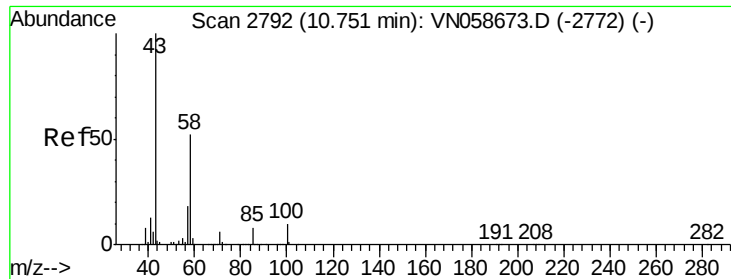
Tot Ion:117 Resp: 384536
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 31.6 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 499.923 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 43 Resp: 3123490
Ion Ratio Lower Upper
43 100
58 39.5 30.1 45.1
85 17.4 13.2 19.8

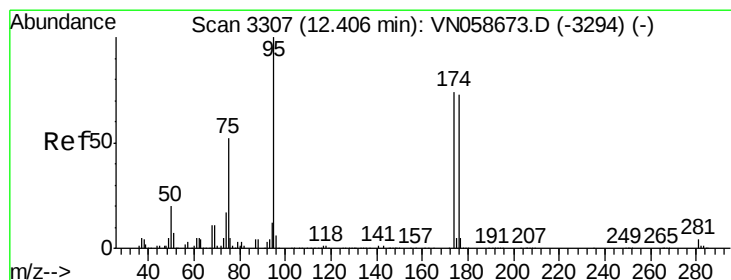
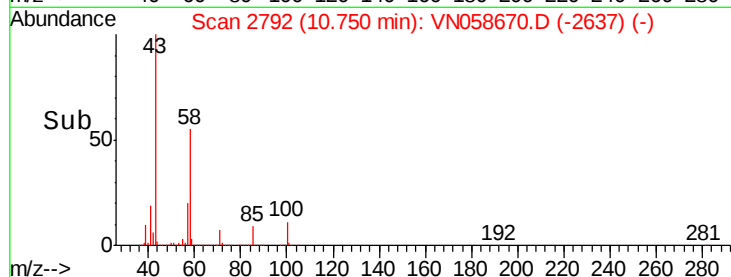
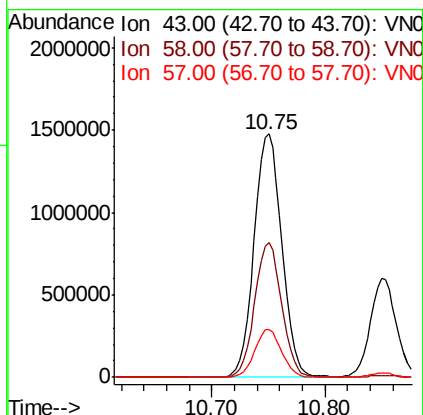
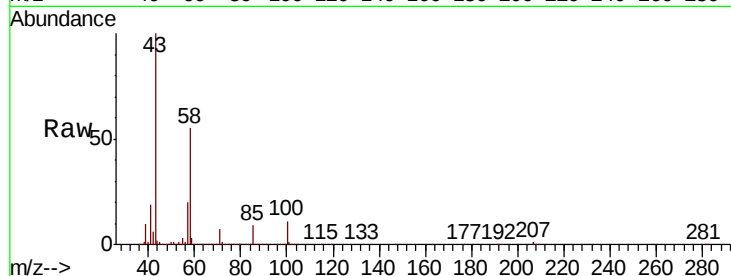




#59
2-Hexanone
Concen: 528.570 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

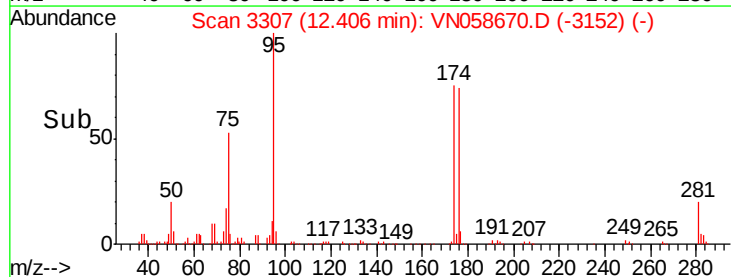
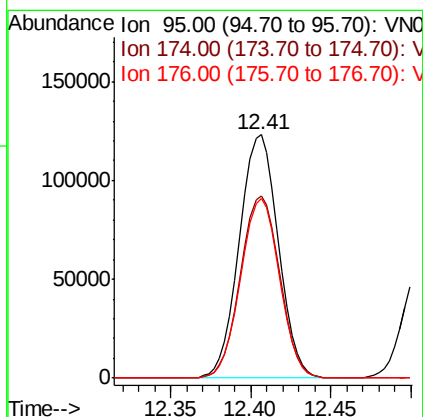
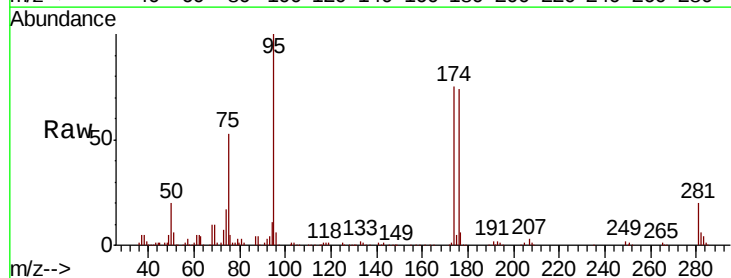
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

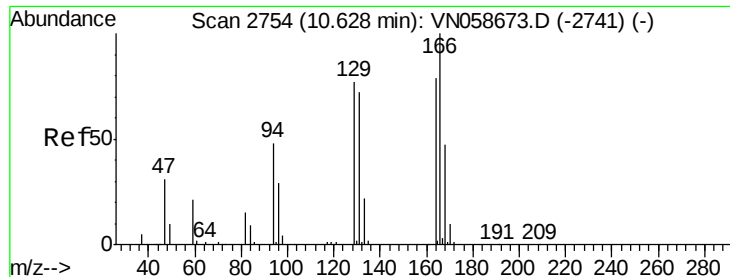
Tot Ion: 43 Resp: 2513646
Ion Ratio Lower Upper
43 100
58 54.0 41.4 62.0
57 19.2 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 30.687 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 95 Resp: 205249
Ion Ratio Lower Upper
95 100
174 75.4 59.9 89.9
176 73.6 58.3 87.5

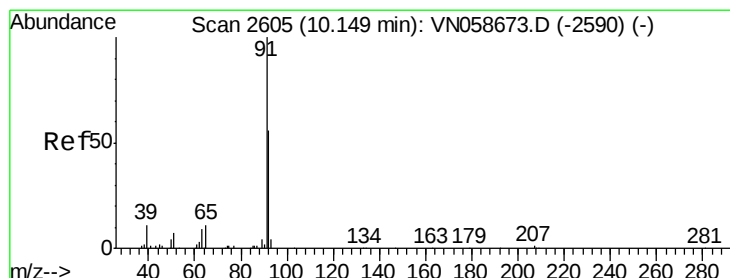
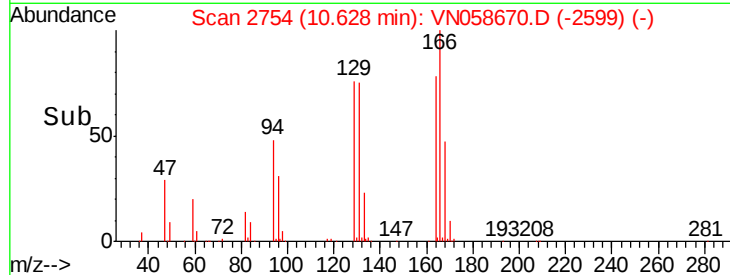
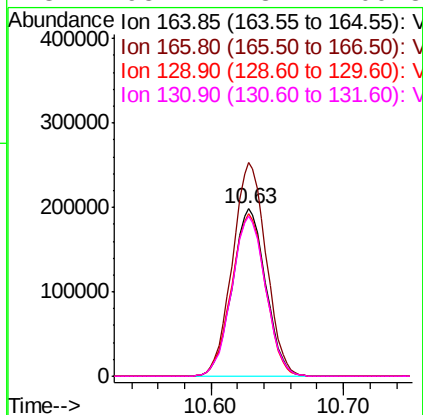
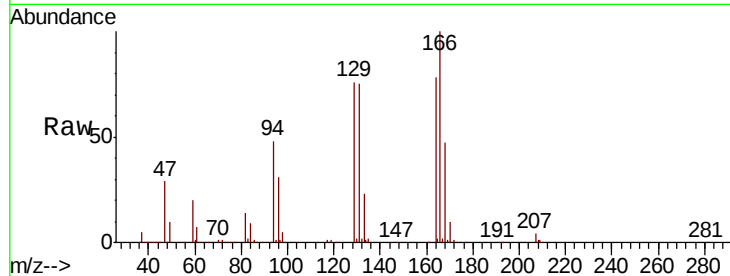




#61
Tetrachloroethene
Concen: 84.493 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

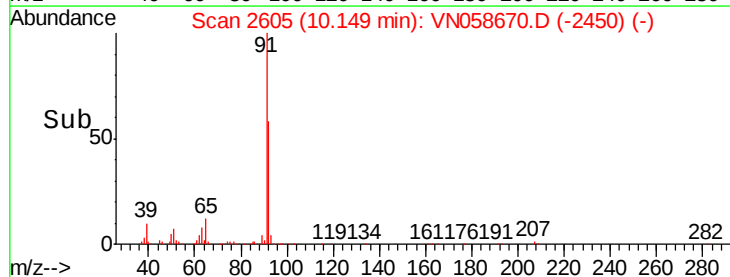
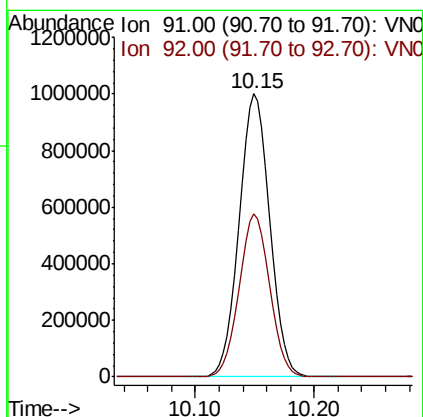
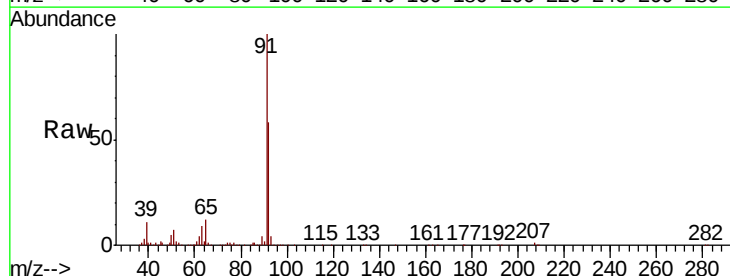
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

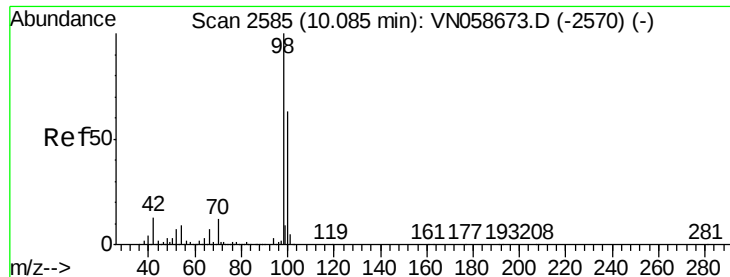
Tot Ion:164 Resp: 347912
Ion Ratio Lower Upper
164 100
166 127.7 101.4 152.2
129 97.0 78.1 117.1
131 95.4 73.2 109.8



#62
Toluene
Concen: 84.442 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 91 Resp: 1784954
Ion Ratio Lower Upper
91 100
92 57.5 45.4 68.2





#63

Toluene-d8

Concen: 29.483 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

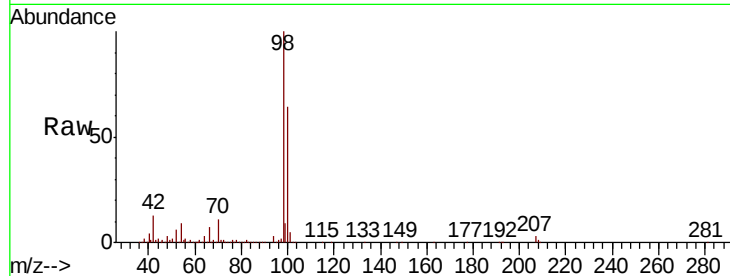
VSTDIC100

Tot Ion: 98 Resp: 541724

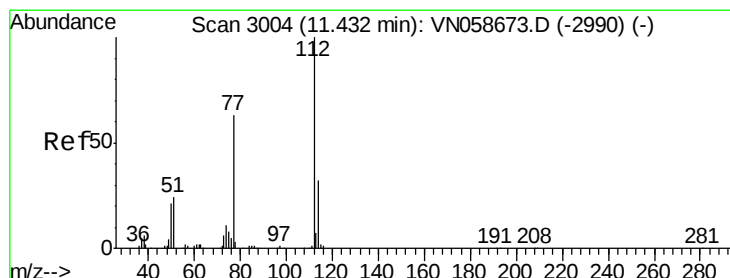
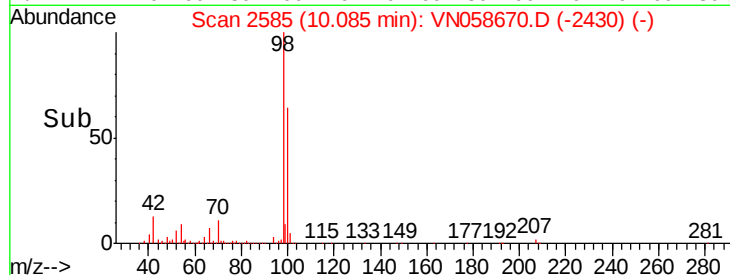
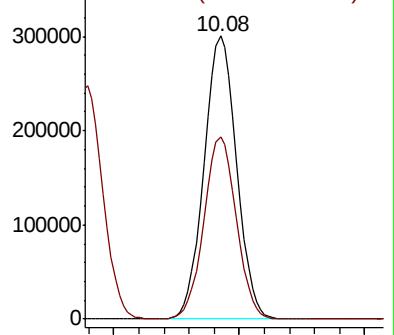
Ion Ratio Lower Upper

98 100

100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN058670.D (-2570) (-)



#64

Chlorobenzene

Concen: 83.683 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN058670.D

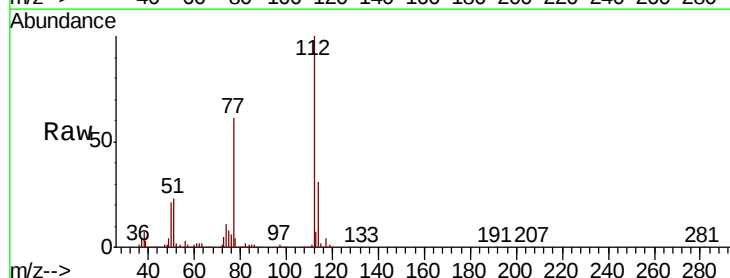
Acq: 10 Oct 2019 17:28

Tgt Ion: 112 Resp: 1087504

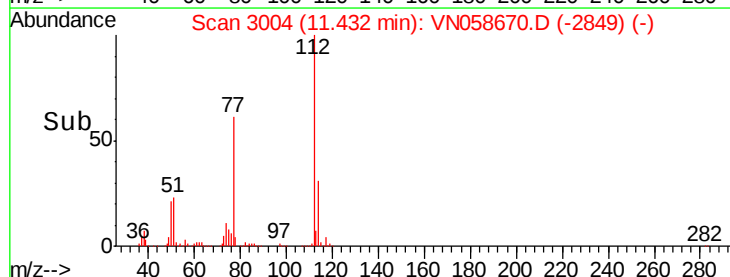
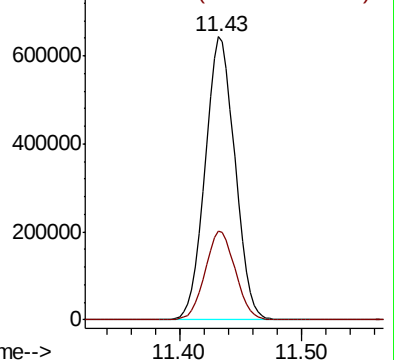
Ion Ratio Lower Upper

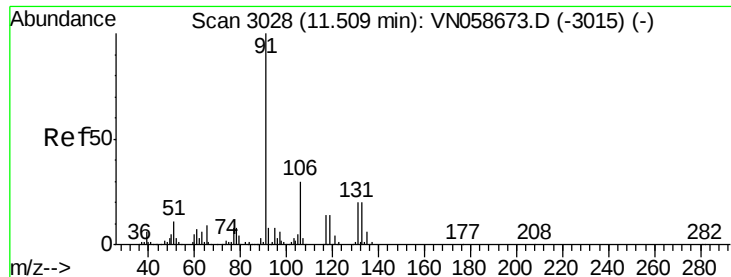
112 100

114 31.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): VN058670.D (-2849) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 89.445 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

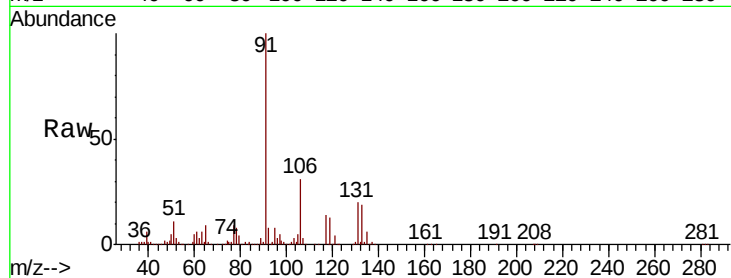
Tot Ion:131 Resp: 415837

Ion Ratio Lower Upper

131 100

133 95.8 0.0 194.0

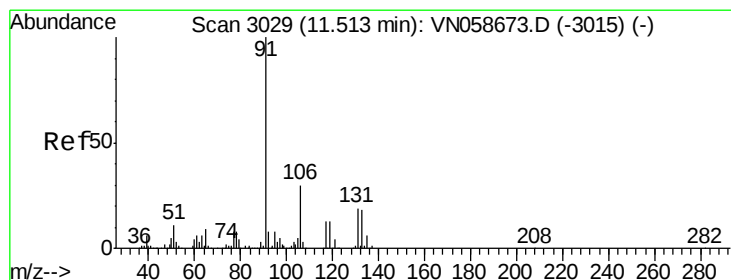
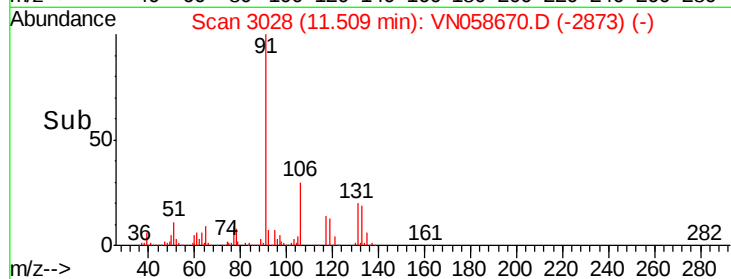
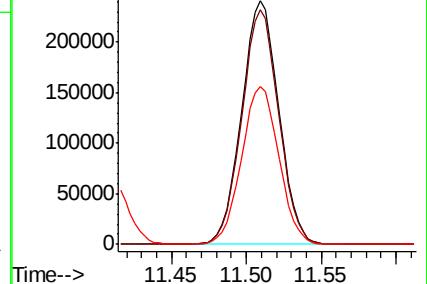
119 65.0 0.0 136.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 88.090 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN058670.D

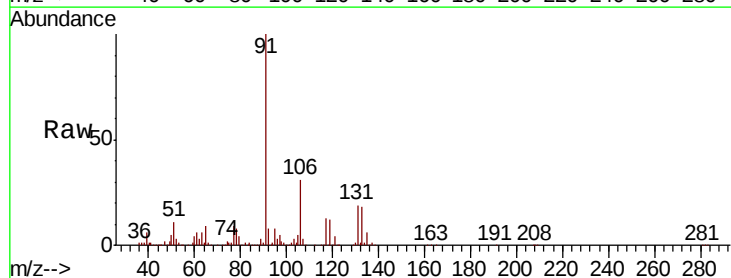
Acq: 10 Oct 2019 17:28

Tgt Ion: 91 Resp: 2025694

Ion Ratio Lower Upper

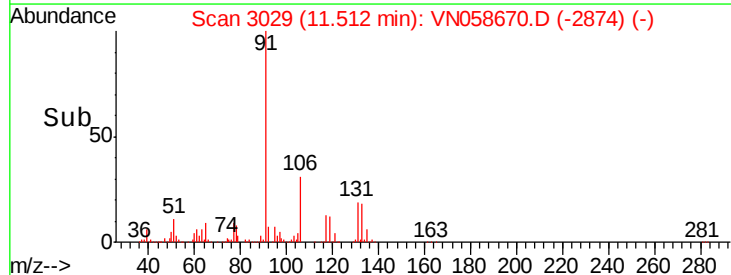
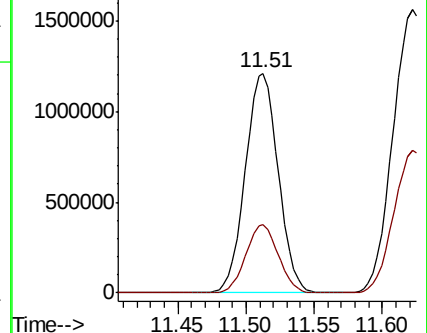
91 100

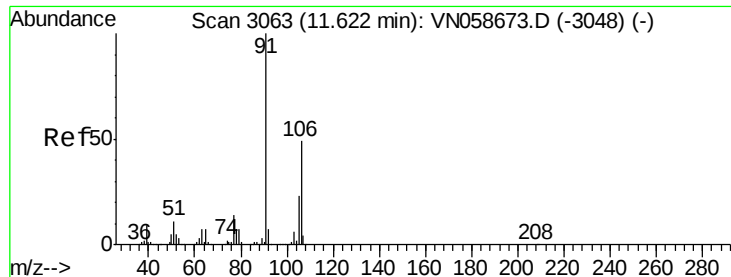
106 31.0 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 170.863 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

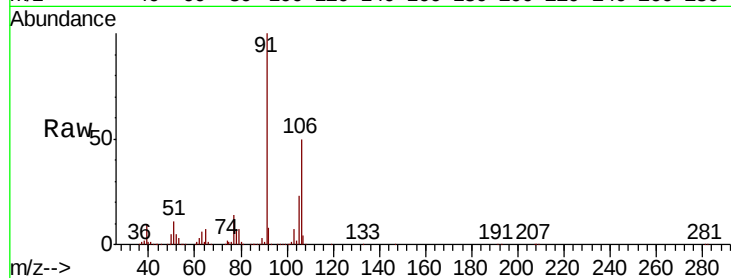
VSTDIC100

Tot Ion:106 Resp: 1510759

Ion Ratio Lower Upper

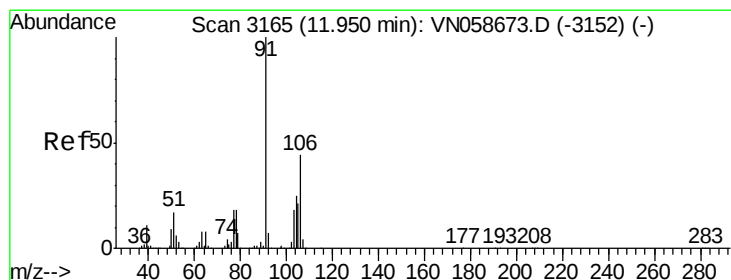
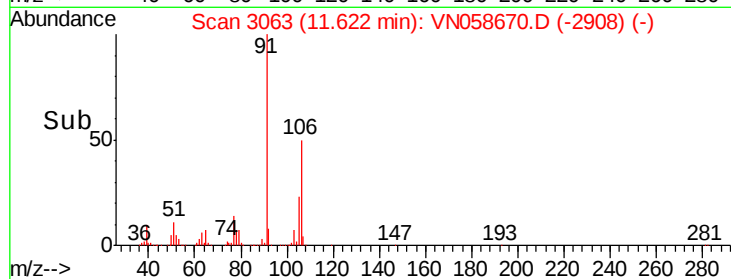
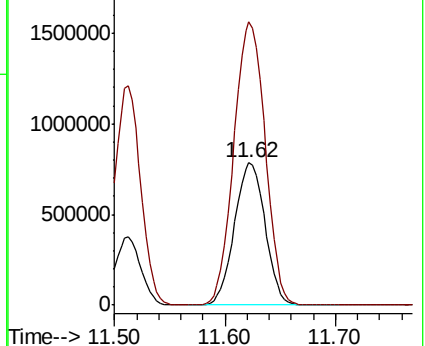
106 100

91 203.4 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 84.847 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.00 min

Lab File: VN058670.D

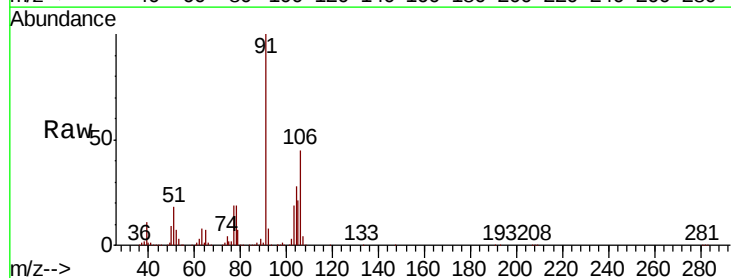
Acq: 10 Oct 2019 17:28

Tgt Ion:106 Resp: 728634

Ion Ratio Lower Upper

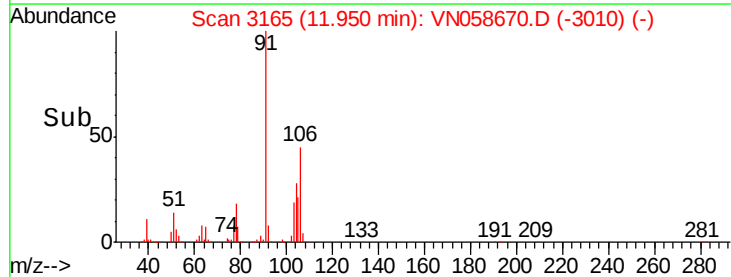
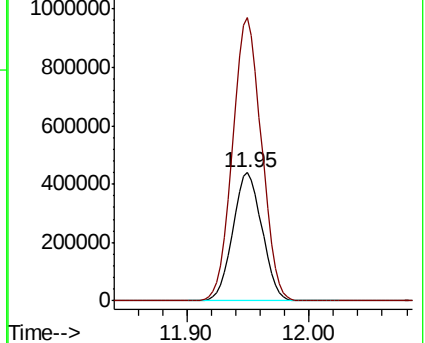
106 100

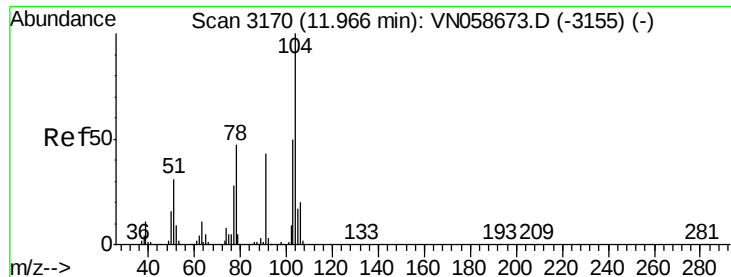
91 219.2 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

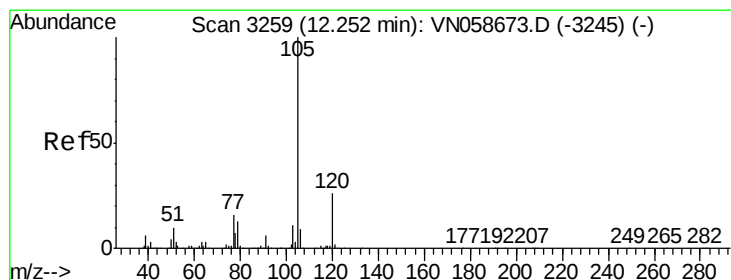
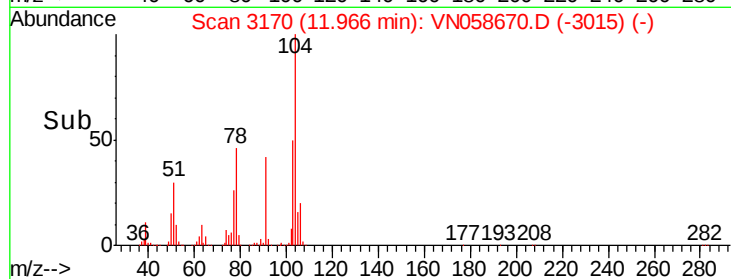
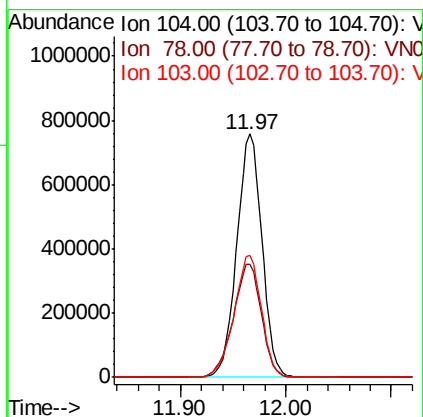
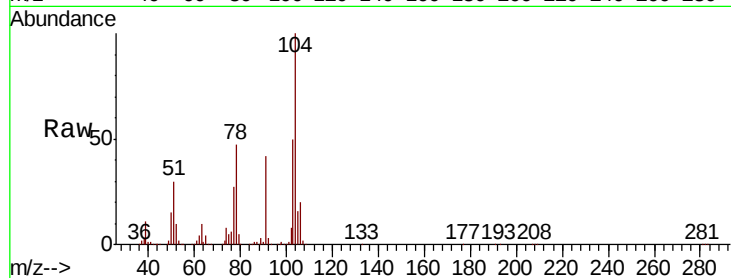




#69
Stvrene
Concen: 87.460 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

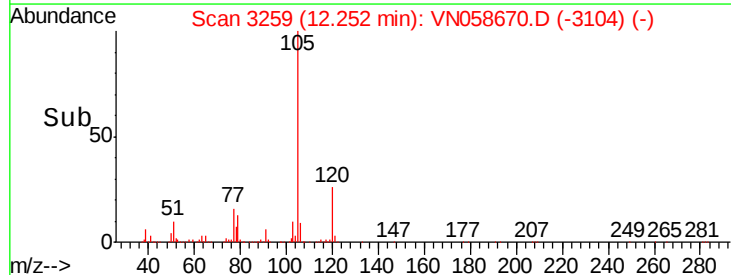
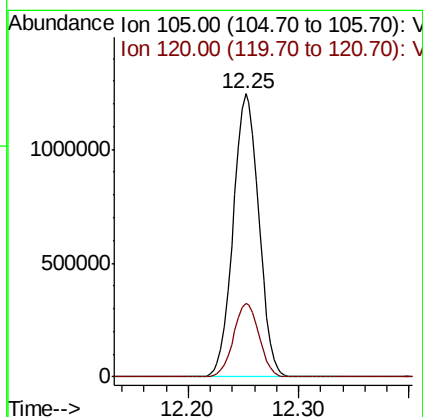
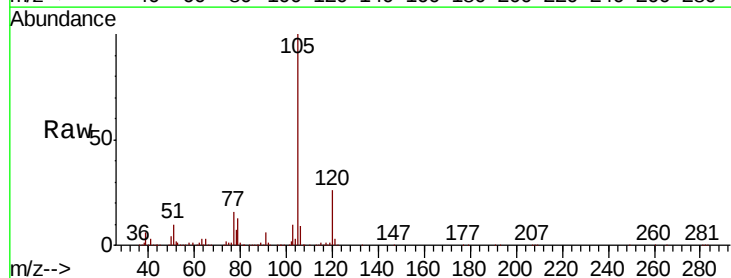
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

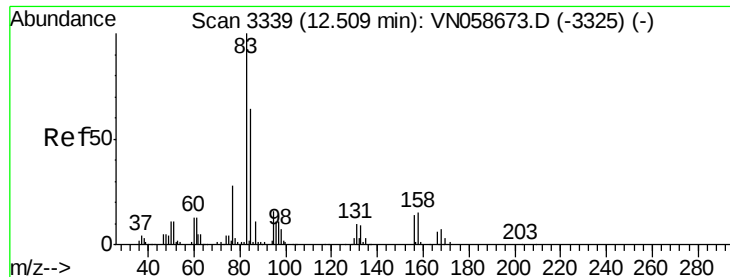
Tot Ion:104 Resp: 1251315
Ion Ratio Lower Upper
104 100
78 51.9 42.4 63.6
103 54.5 44.6 66.8



#70
Isopropylbenzene
Concen: 90.019 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion:105 Resp: 2006020
Ion Ratio Lower Upper
105 100
120 25.9 18.4 34.2

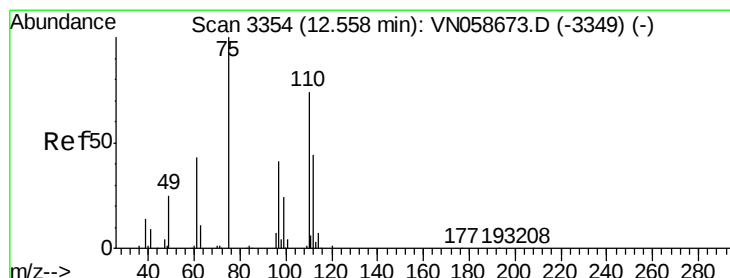
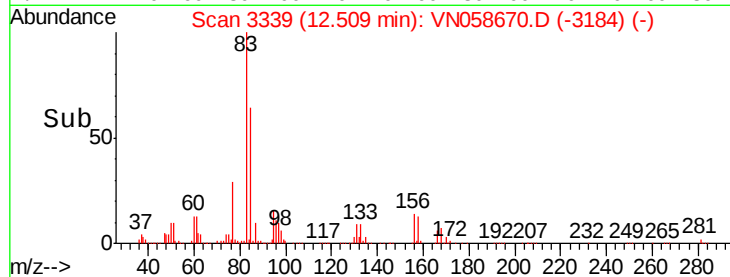
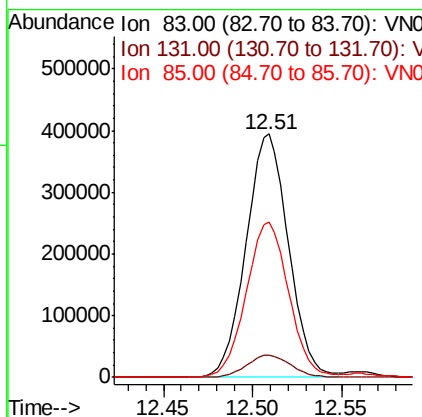
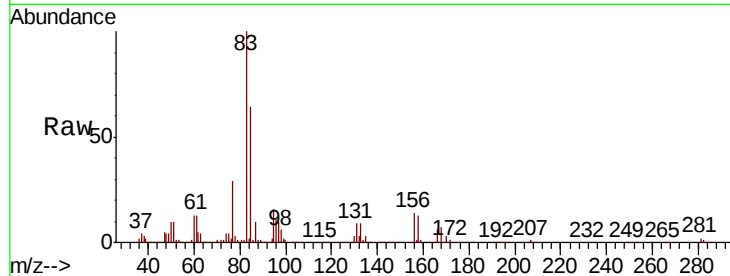




#71
 1,1,2,2-Tetrachloroethane
 Concen: 90.693 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

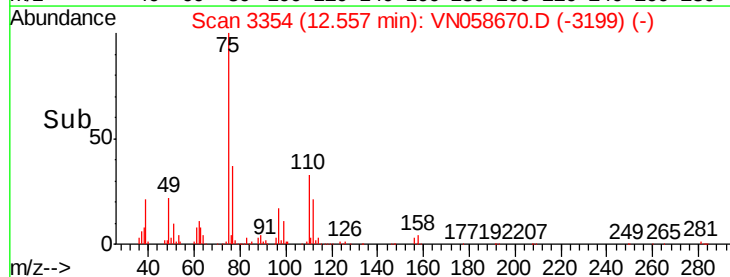
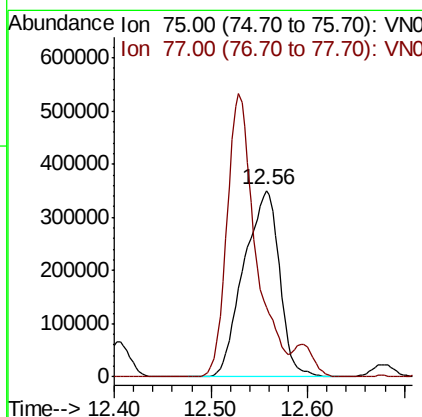
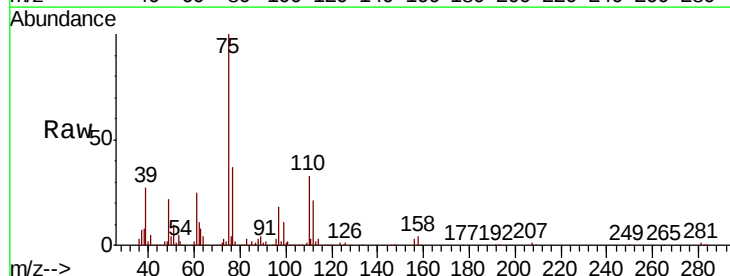
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

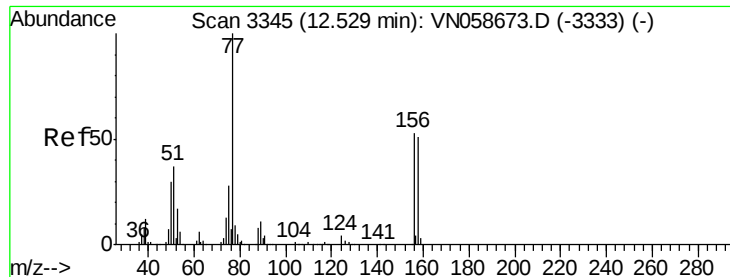
Tot Ion	83	Resp	657025
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	63.9	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 143.513 ug/l
 RT: 12.56 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

Tgt Ion	75	Resp	900509
Ion Ratio	Lower	Upper	
75	100		
77	121.6	0.0	359.4





#73

Bromobenzene

Concen: 86.595 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

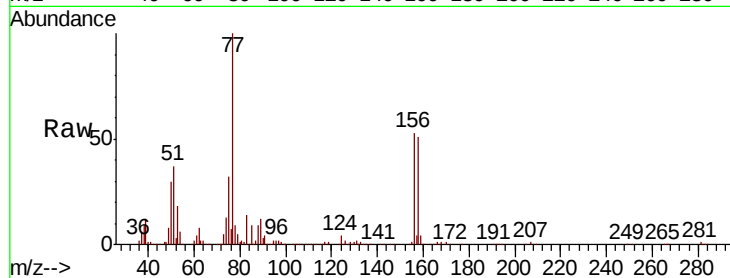
Tot Ion:156 Resp: 471067

Ion Ratio Lower Upper

156 100

77 232.5 0.0 456.0

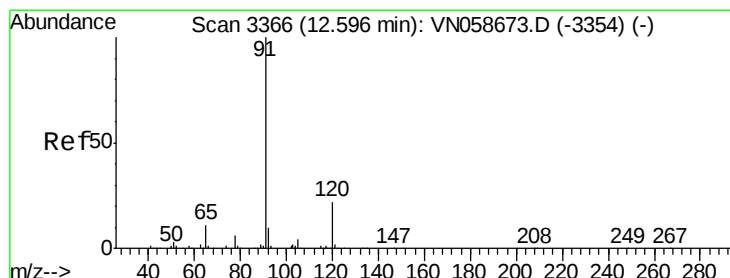
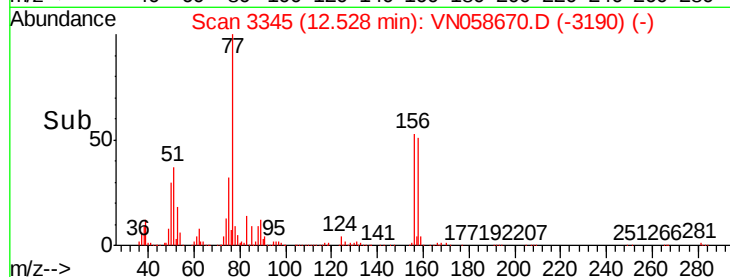
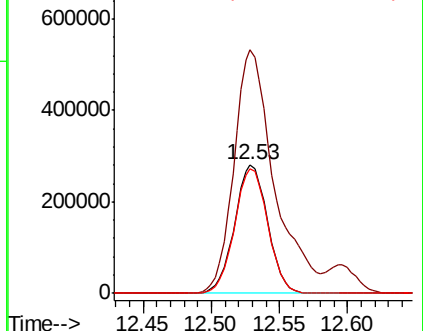
158 97.7 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 91.767 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058670.D

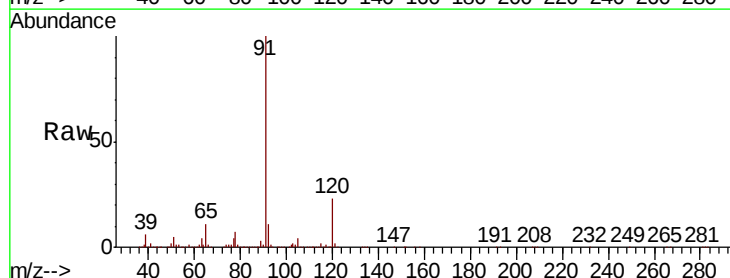
Acq: 10 Oct 2019 17:28

Tgt Ion: 91 Resp: 2364616

Ion Ratio Lower Upper

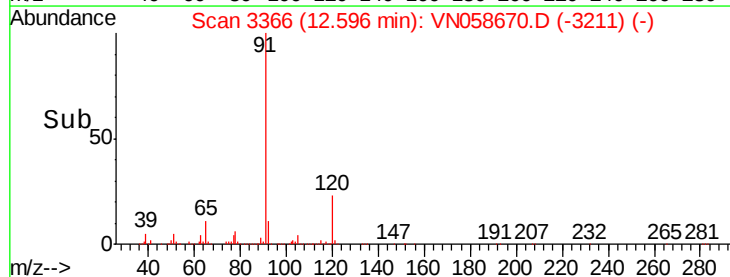
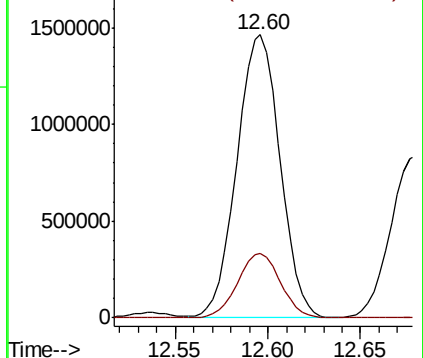
91 100

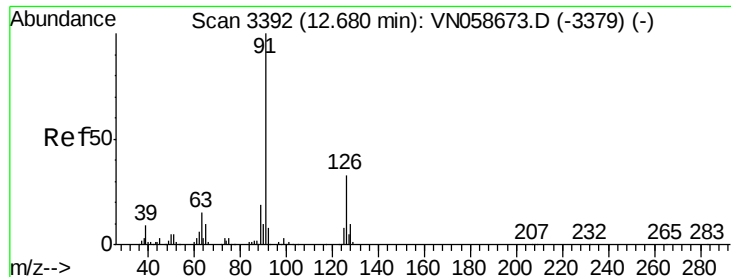
120 22.5 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 86.730 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

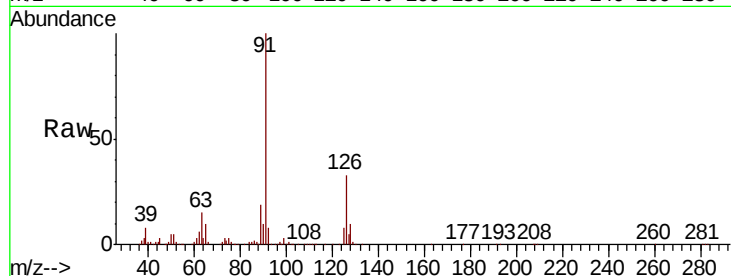
VSTDIC100

Tot Ion: 91 Resp: 1396220

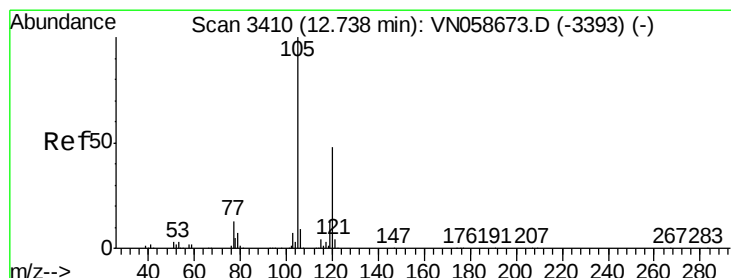
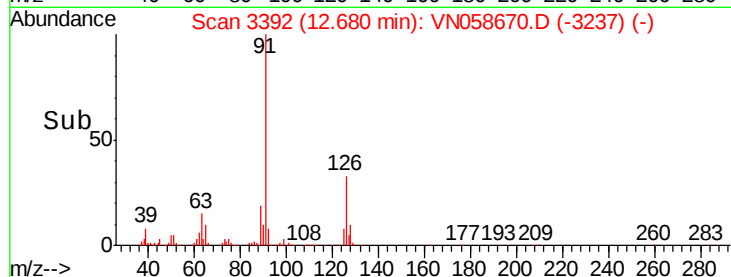
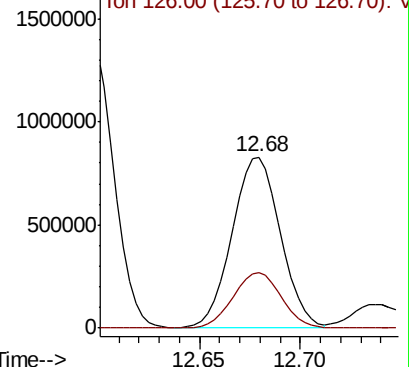
Ion Ratio Lower Upper

91 100

126 32.5 0.0 65.4



Abundance Ion 91.00 (90.70 to 91.70): VN058670.D (-3379) (-)



#76

1,3,5-Trimethylbenzene

Concen: 89.296 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058670.D

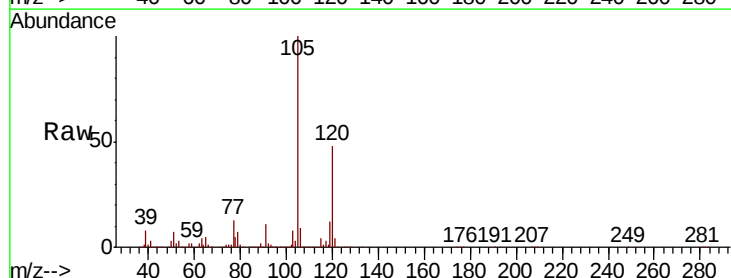
Acq: 10 Oct 2019 17:28

Tgt Ion: 105 Resp: 1714775

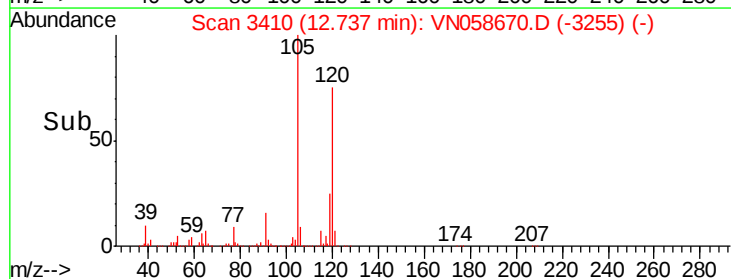
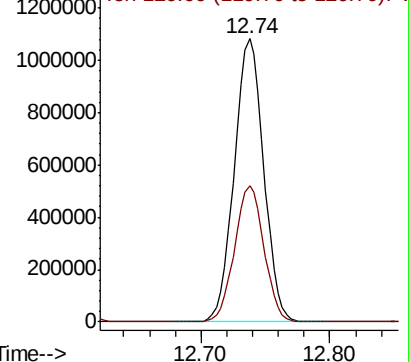
Ion Ratio Lower Upper

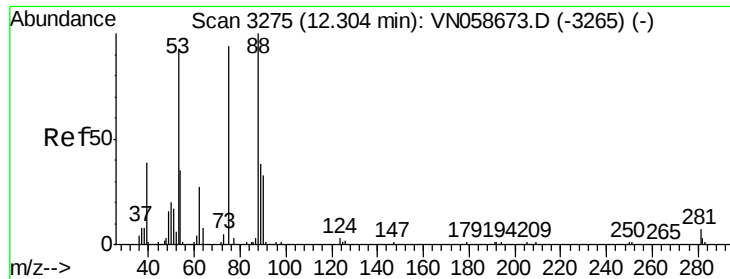
105 100

120 48.0 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): VN058670.D (-3393) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 113.237 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

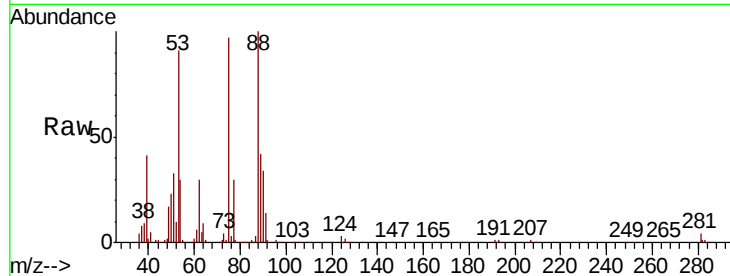
Tot Ion: 75 Resp: 244097

Ion Ratio Lower Upper

75 100

53 93.3 50.0 150.0

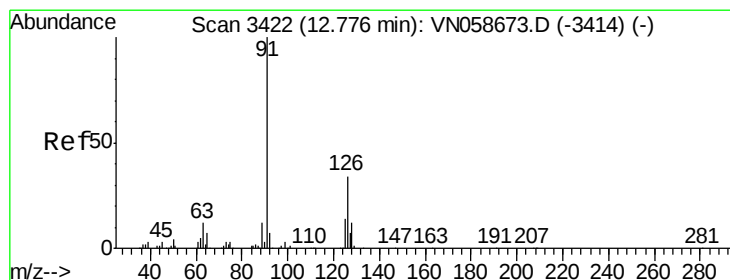
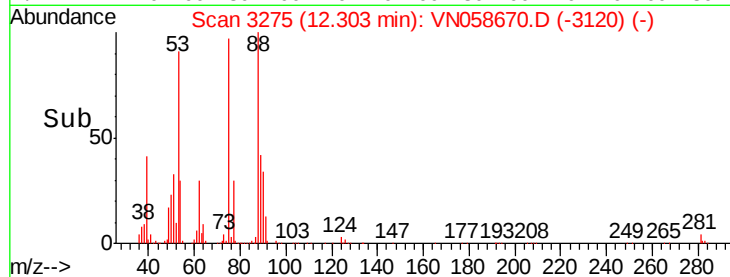
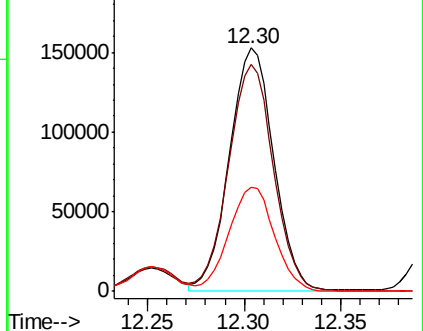
89 43.0 20.7 62.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 89.620 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN058670.D

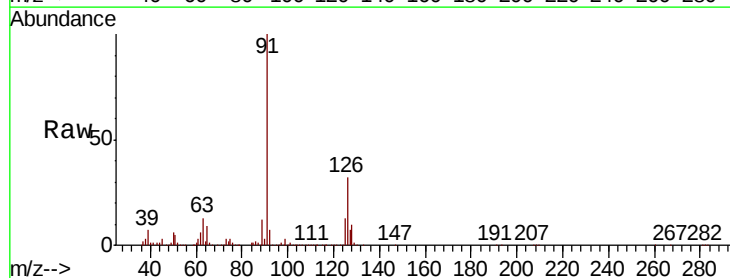
Acq: 10 Oct 2019 17:28

Tgt Ion: 91 Resp: 1477857

Ion Ratio Lower Upper

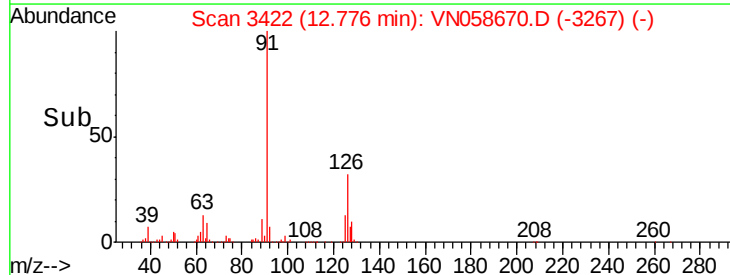
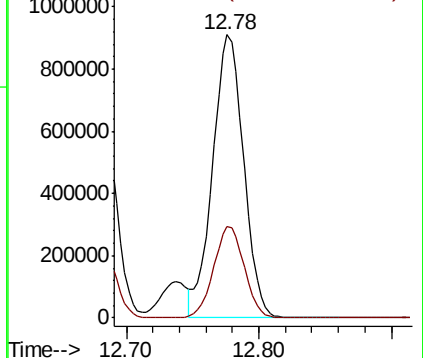
91 100

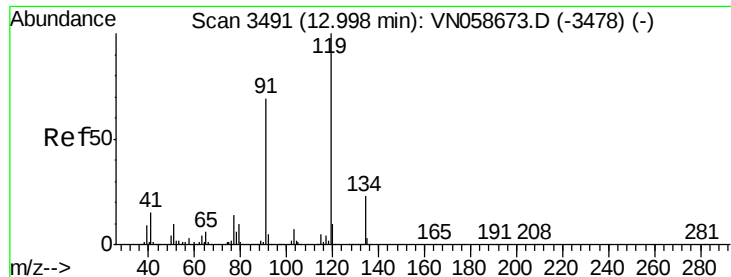
126 31.7 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

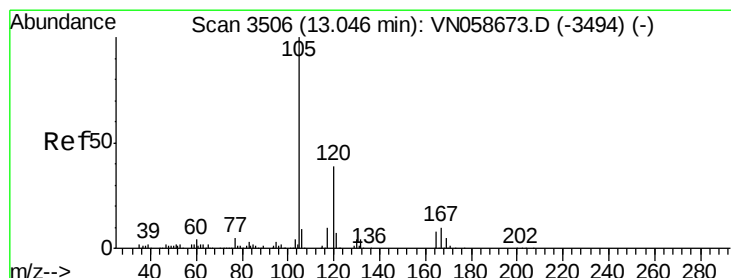
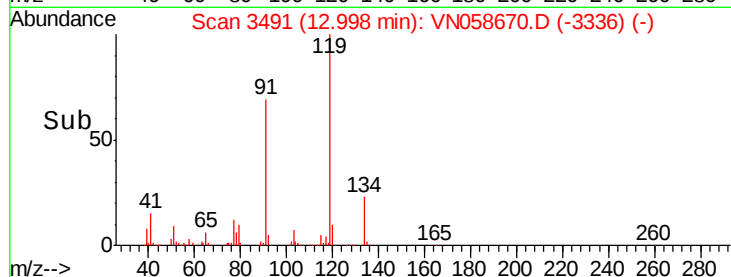
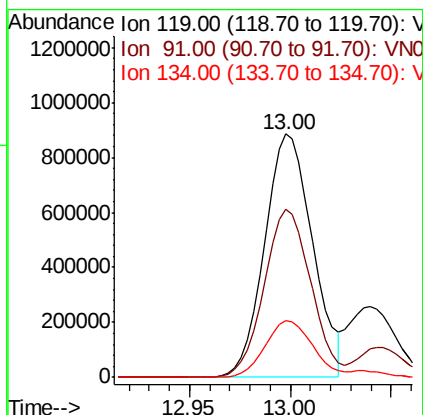
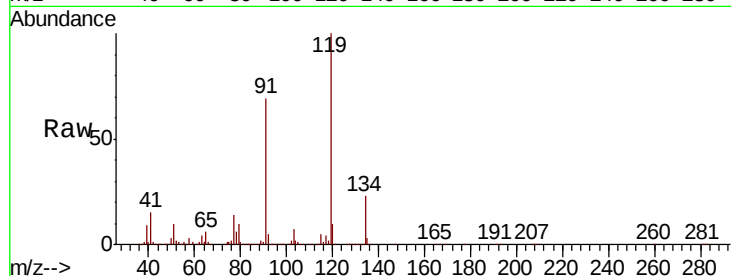




#79
tert-butylbenzene
Concen: 87.617 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

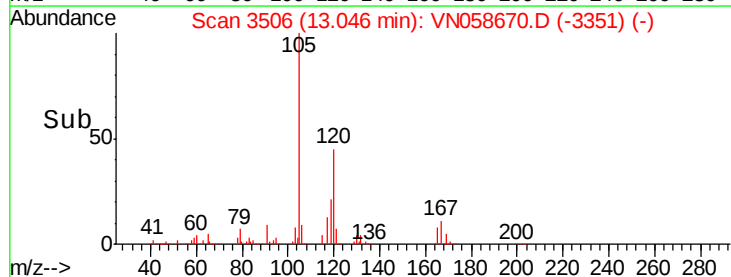
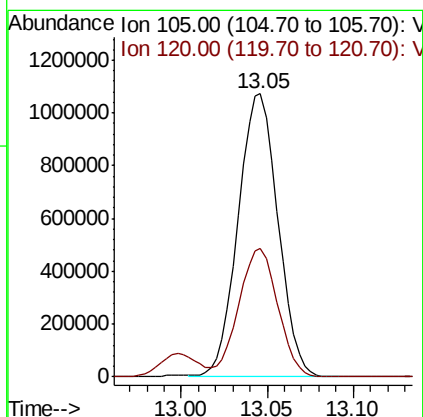
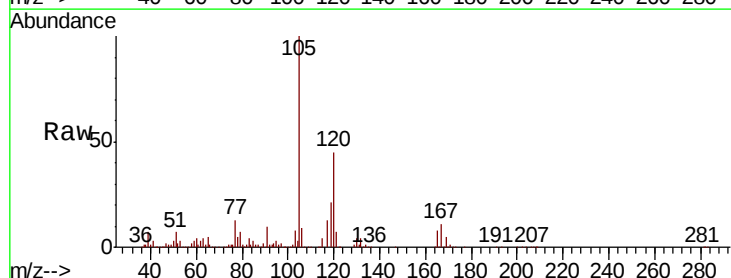
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

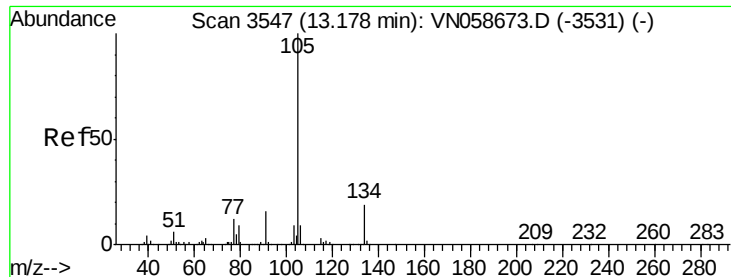
Tot Ion:119 Resp: 1462902
Ion Ratio Lower Upper
119 100
91 67.4 0.0 136.4
134 23.1 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 90.174 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion:105 Resp: 1723613
Ion Ratio Lower Upper
105 100
120 44.6 0.0 89.2





#81

sec-Butylbenzene

Concen: 91.369 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

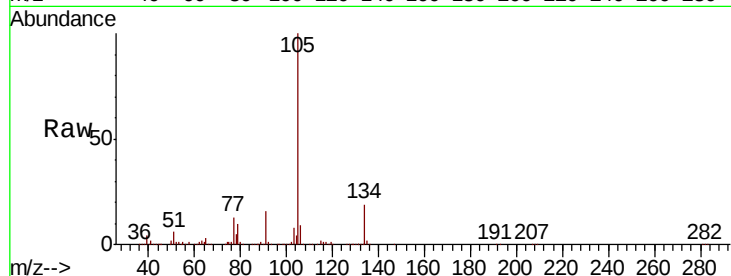
VSTDIC100

Tot Ion:105 Resp: 1991433

Ion Ratio Lower Upper

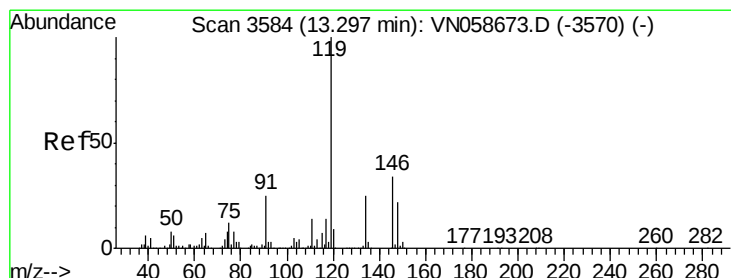
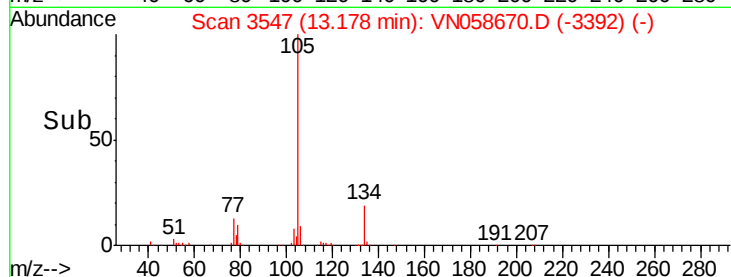
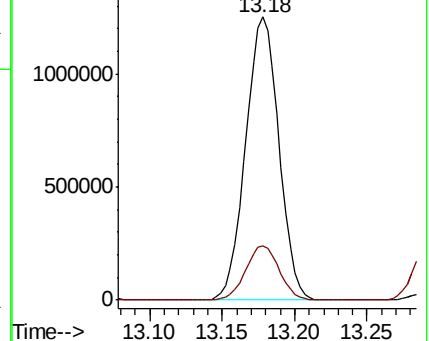
105 100

134 19.4 0.0 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 92.372 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

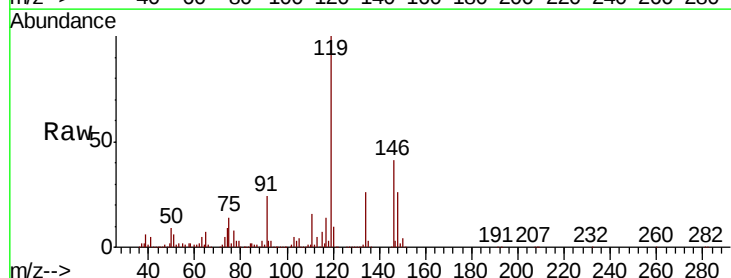
Tgt Ion:119 Resp: 1816950

Ion Ratio Lower Upper

119 100

134 25.8 0.0 50.8

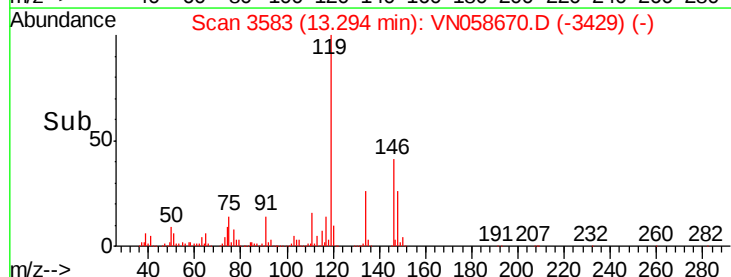
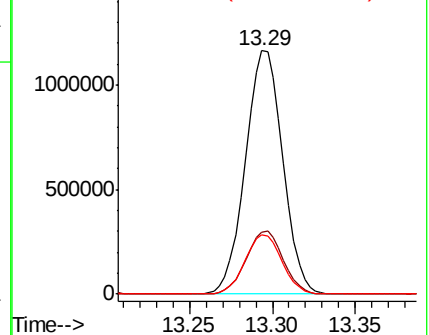
91 24.2 0.0 49.4

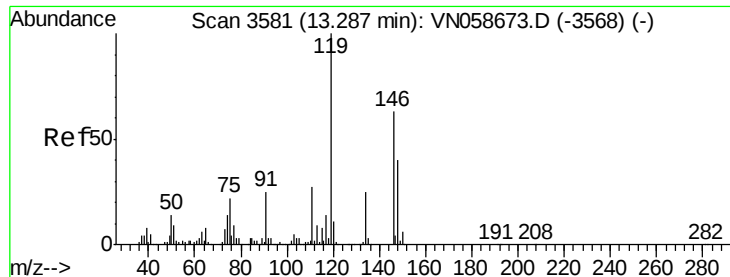


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

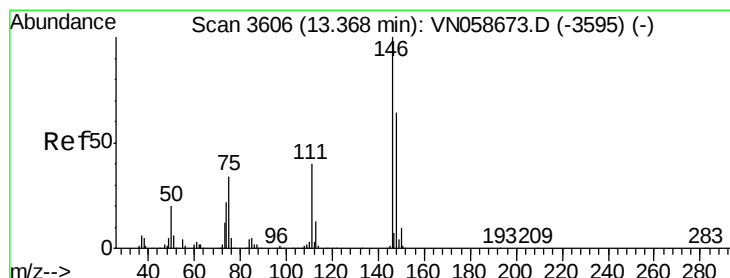
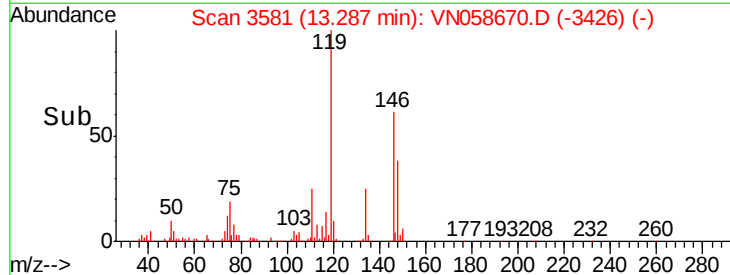
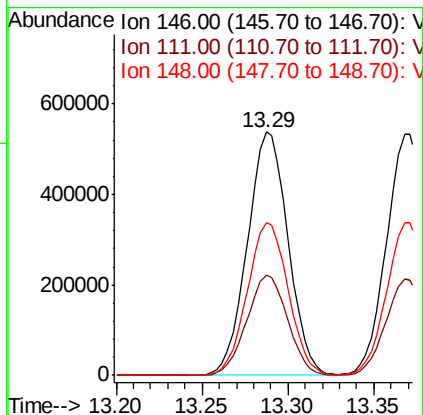
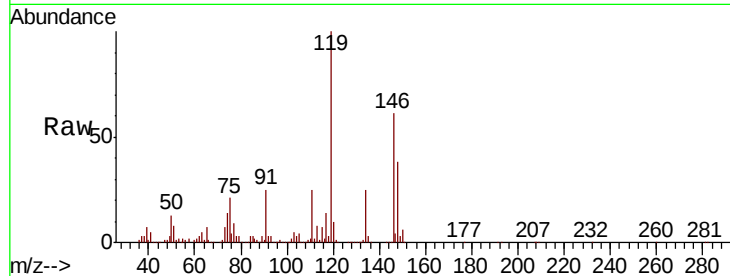




#83
 1,3-Dichlorobenzene
 Concen: 87.931 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

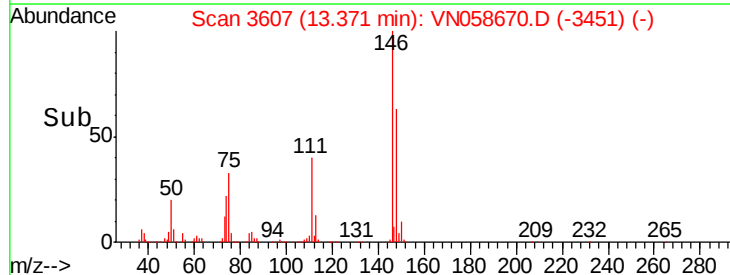
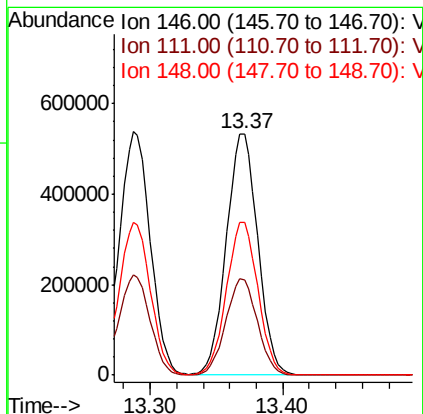
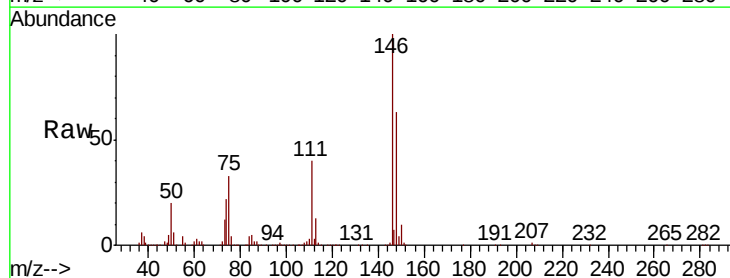
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

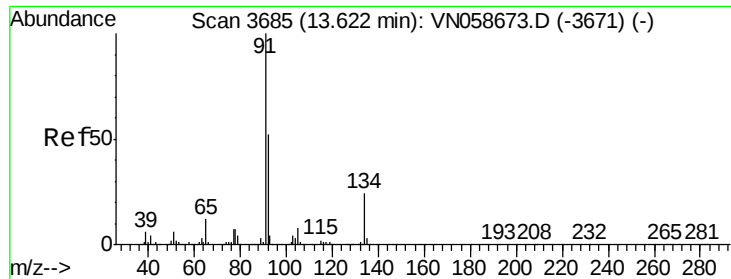
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.0	63.0
148	63.2	31.7	95.1



#84
 1,4-Dichlorobenzene
 Concen: 87.815 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.4	31.6	94.8

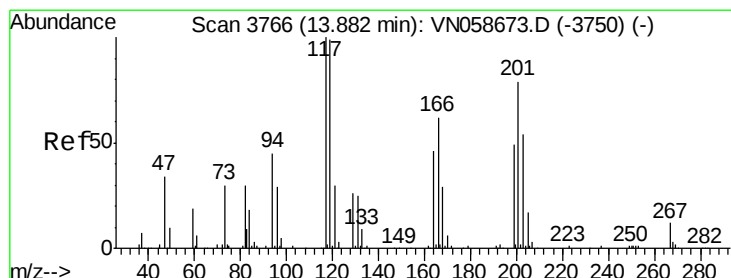
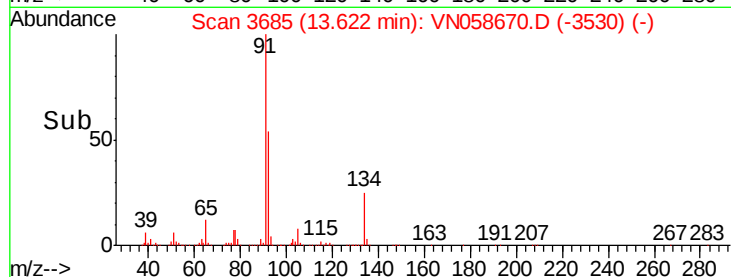
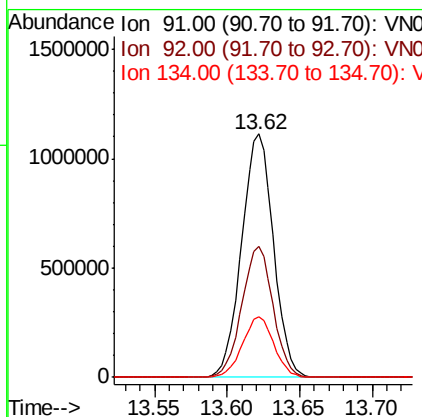
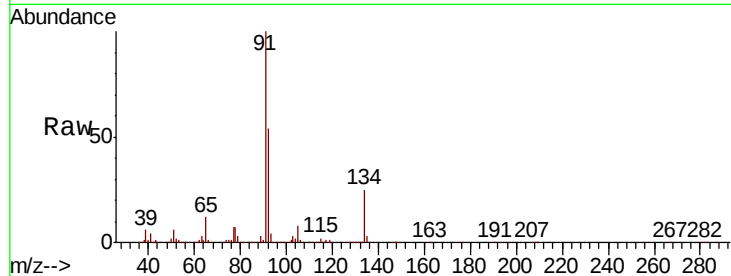




#85
n-Butylbenzene
Concen: 93.164 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

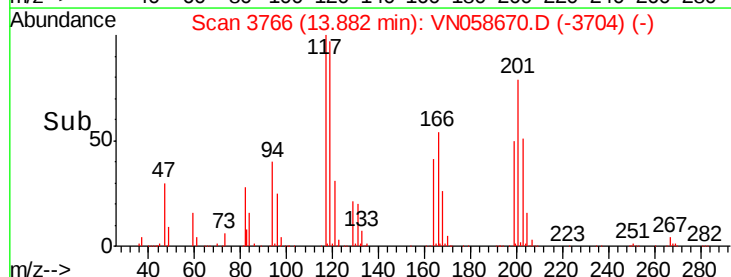
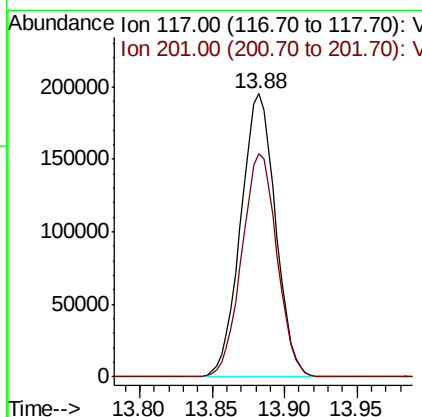
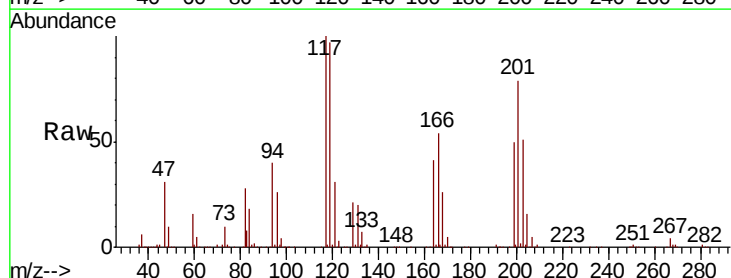
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

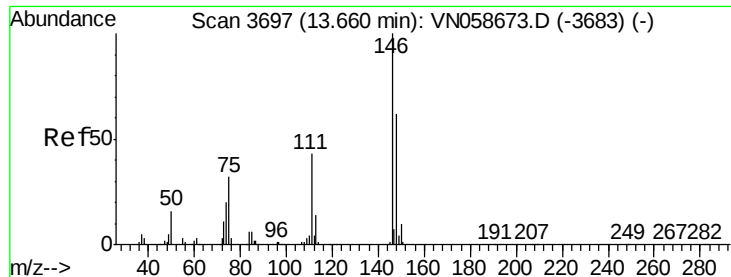
Tot Ion: 91 Resp: 1695811
Ion Ratio Lower Upper
91 100
92 52.8 0.0 102.8
134 24.6 0.0 48.6



#86
Hexachloroethane
Concen: 98.163 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN058670.D
Acq: 10 Oct 2019 17:28

Tgt Ion: 117 Resp: 325114
Ion Ratio Lower Upper
117 100
201 79.9 38.7 116.1

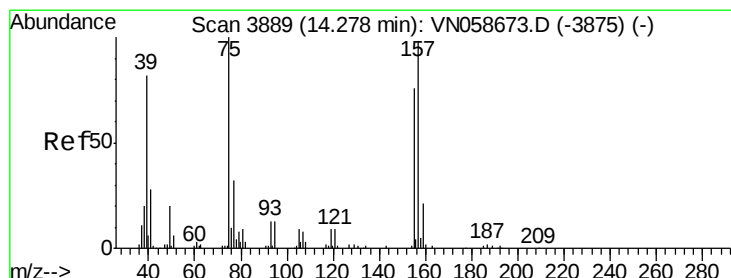
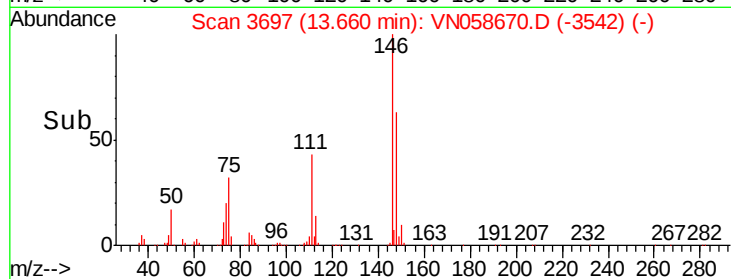
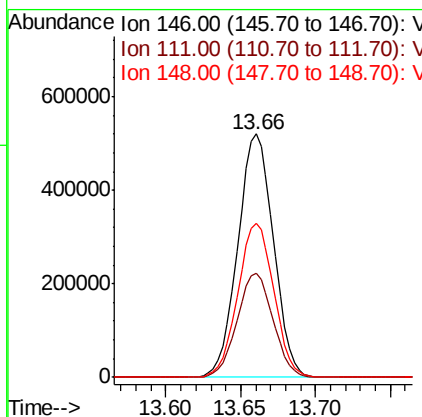
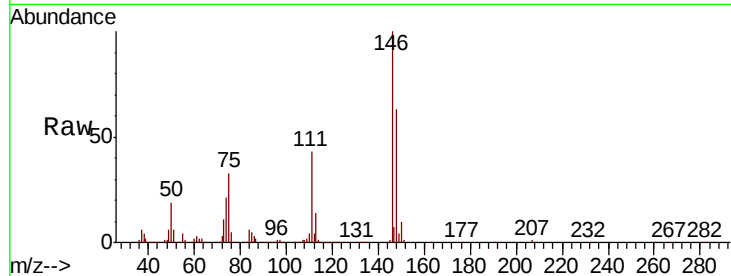




#87
 1,2-Dichlorobenzene
 Concen: 88.407 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

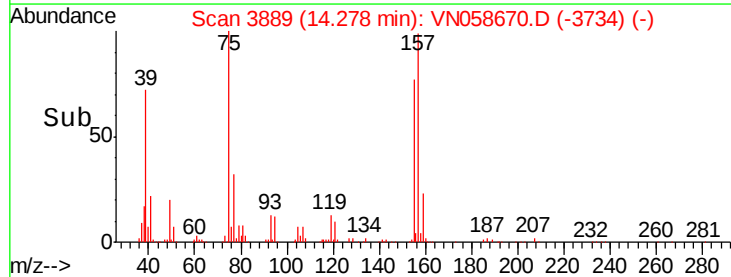
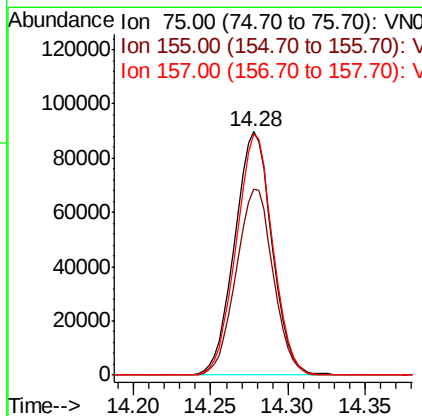
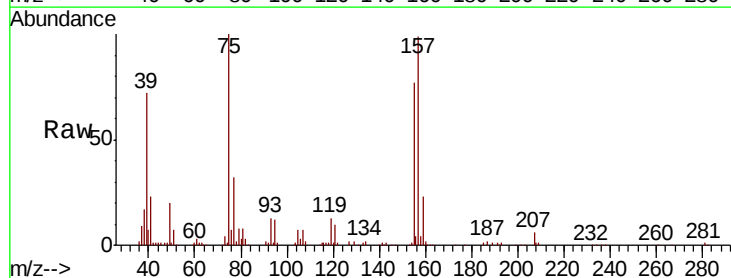
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

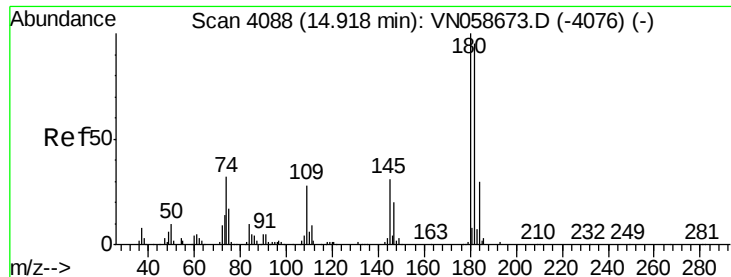
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.8	65.4
148	63.8	32.1	96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 101.318 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	58.3	87.5
157	97.6	75.0	112.6

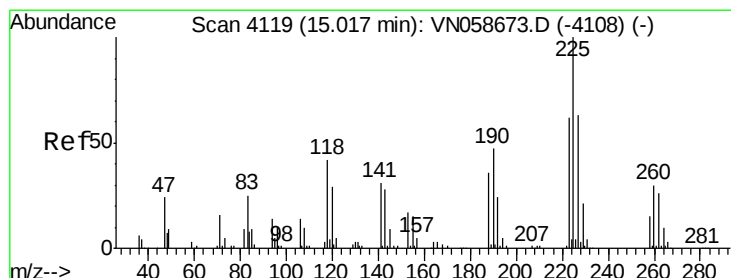
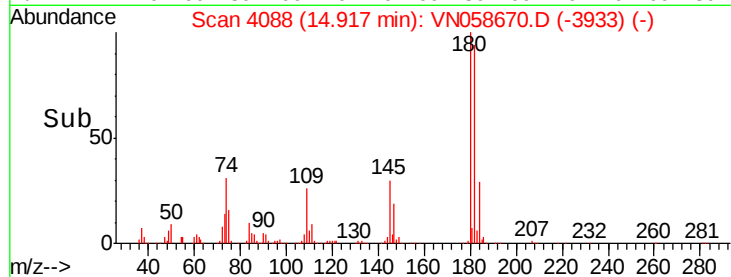
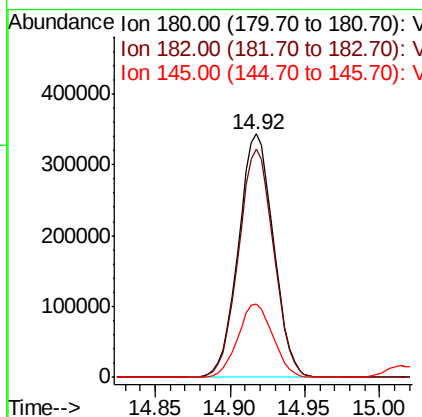
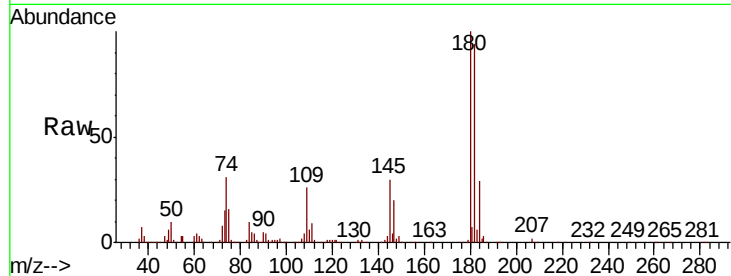




#89
 1,2,4-Trichlorobenzene
 Concen: 87.294 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

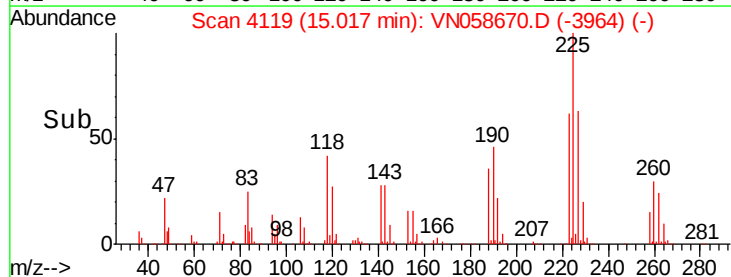
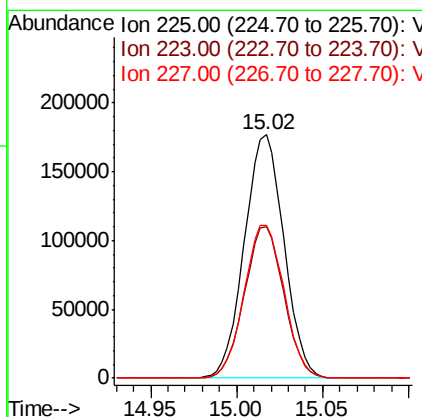
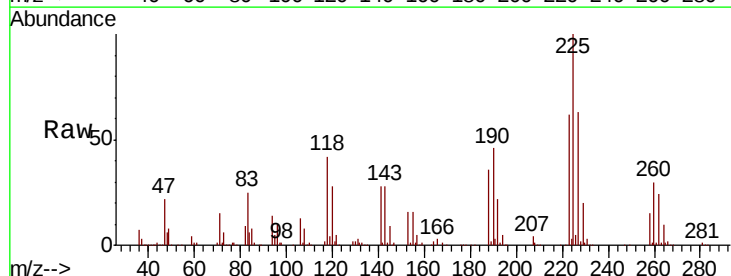
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

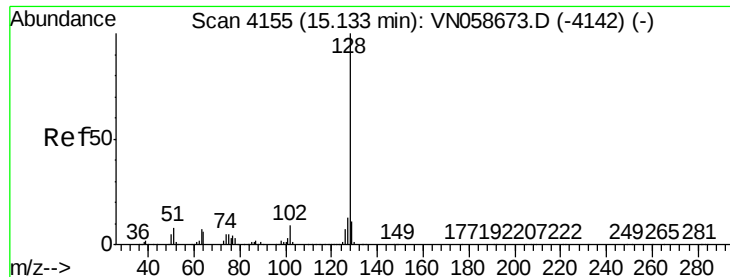
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.3	112.9
145	30.2	24.8	37.2



#90
 Hexachlorobutadiene
 Concen: 90.125 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058670.D
 Acq: 10 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	126.2
227	63.5	0.0	127.0





#91

Naphthalene

Concen: 95.211 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Instrument :

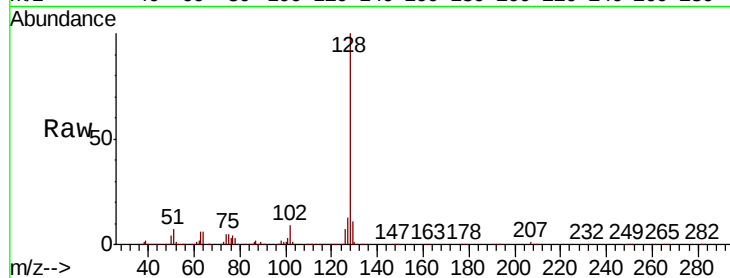
MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:128 Resp: 1701014

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.6	8.6	13.0

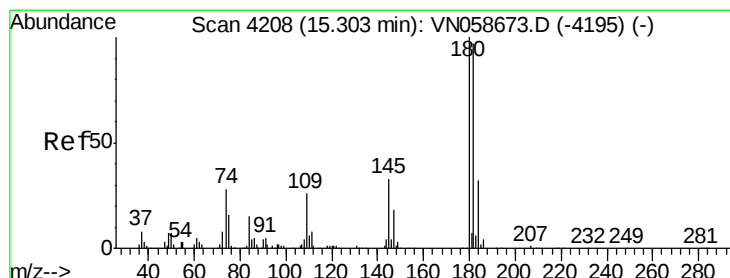
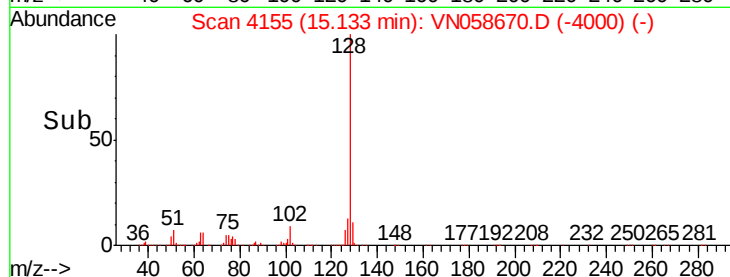


Abundance

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: 87.969 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. -0.00 min

Lab File: VN058670.D

Acq: 10 Oct 2019 17:28

Tgt Ion:180 Resp: 544149

Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	193.4
145	31.6	0.0	65.8

