

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
 Data File : VN058011.D
 Acq On : 13 Sep 2019 12:24
 Operator : JC/SP
 Sample : VN0914WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Quant Time: Sep 14 01:16:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	73867	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	430714	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	383202	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	200444	30.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.27%
60) 4-Bromofluorobenzene	12.41	95	193855	29.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.53%
63) Toluene-d8	10.09	98	557302	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	93872	21.034	ug/l 98
3) Chloromethane	2.04	50	104257	18.735	ug/l 96
4) Vinyl Chloride	2.17	62	102174	17.945	ug/l 97
5) Bromomethane	2.55	94	59415	16.721	ug/l 90
6) Chloroethane	2.69	64	64077	18.109	ug/l 99
7) Trichlorofluoromethane	3.00	101	125127	19.022	ug/l 96
8) Diethyl Ether	3.39	74	54543	20.554	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	84457	20.562	ug/l 98
10) 1,1-Dichloroethene	3.72	96	78192	20.019	ug/l 94
11) Methyl Iodide	3.93	142	90639	17.345	ug/l 96
12) Methyl Acetate	4.30	43	110789	20.669	ug/l 99
13) Acrolein	3.58	56	949	3.263	ug/l # 27
14) Acrylonitrile	4.96	53	218170	99.844	ug/l # 89
15) Acetone	3.80	58	56700	91.400	ug/l 99
16) Carbon Disulfide	4.03	76	153385	16.864	ug/l 99
17) Allyl chloride	4.30	41	142816	19.954	ug/l 93
18) Methylene Chloride	4.53	84	99926	20.302	ug/l 99
19) trans-1,2-Dichloroethene	5.02	96	86103	19.779	ug/l 97
20) Diisopropyl ether	5.93	45	333180	19.913	ug/l 98
21) 1,1-Dichloroethane	5.83	63	189071	20.493	ug/l 97
22) cis-1,2-Dichloroethene	6.81	96	109828	20.591	ug/l 98
23) tert-Butyl Alcohol	4.84	59	299	0.419	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	299927	20.034	ug/l # 100
25) Chloroform	7.36	83	190825	20.316	ug/l 99
26) Cyclohexane	7.64	56	152339	19.652	ug/l # 100
29) 1,1-Dichloropropene	7.78	75	140110	20.678	ug/l 99
30) 2-Butanone	6.82	43	316248	103.514	ug/l 99
31) 2,2-Dichloropropane	6.81	77	135690	18.968	ug/l 99
32) 1,1,1-Trichloroethane	7.56	97	152136	19.970	ug/l 98
33) Carbon Tetrachloride	7.76	117	121000	19.470	ug/l 95
34) Benzene	8.03	78	415037	20.672	ug/l 96
35) Methacrylonitrile	7.16	41	68659	24.229	ug/l 92
36) 1,2-Dichloroethane	8.11	62	164929	21.169	ug/l 99
37) Trichloroethene	8.83	130	98021	20.102	ug/l 97
38) Methylcyclohexane	9.07	83	151676	19.659	ug/l 99
39) 1,2-Dichloropropane	9.11	63	114571	20.320	ug/l 96
40) Dibromomethane	9.20	93	71214	20.766	ug/l 97

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 Sample : VN0914WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Quant Time: Sep 14 01:16:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	136218	19.703	ug/l	91
42) Vinyl Acetate	5.87	43	1302924	106.110	ug/l	100
43) Ethyl Acetate	6.91	43	125304	20.102	ug/l #	79
44) Isopropyl Acetate	8.15	43	228869	21.059	ug/l #	93
45) 1,4-Dioxane	9.19	88	34644	405.669	ug/l	99
46) Methyl methacrylate	9.19	41	109127	20.556	ug/l	96
47) n-amyl Acetate	12.07	43	182217	18.252	ug/l	95
48) t-1,3-Dichloropropene	10.38	75	135028	18.345	ug/l	97
49) cis-1,3-Dichloropropene	9.83	75	154810	18.746	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	100389	20.182	ug/l	96
51) Ethyl methacrylate	10.43	69	147528	19.128	ug/l	93
52) 1,3-Dichloropropane	10.71	76	180400	20.738	ug/l	99
53) Dibromochloromethane	10.90	129	89659	18.251	ug/l	99
54) 1,2-Dibromoethane	11.00	107	97026	19.605	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	329882	90.011	ug/l	98
56) Bromoform	12.13	173	52622	17.291	ug/l	98
58) 4-Methyl-2-Pentanone	9.98	43	669839	112.718	ug/l	100
59) 2-Hexanone	10.75	43	464499	104.160	ug/l	99
61) Tetrachloroethene	10.63	164	80859	20.754	ug/l	98
62) Toluene	10.15	91	442298	20.845	ug/l	99
64) Chlorobenzene	11.44	112	267527	20.325	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	92770	20.299	ug/l	97
66) Ethyl Benzene	11.51	91	489685	21.146	ug/l	99
67) m/p-Xylenes	11.62	106	352919	39.929	ug/l	98
68) o-Xylene	11.95	106	172871	19.964	ug/l	99
69) Styrene	11.97	104	291687	19.757	ug/l	99
70) Isopropylbenzene	12.25	105	476327	20.808	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	145763	20.374	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	173891	27.384	ug/l	74
73) Bromobenzene	12.53	156	110111	20.091	ug/l	98
74) n-propylbenzene	12.60	91	557235	21.306	ug/l	100
75) 2-Chlorotoluene	12.68	91	328868	20.188	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	405798	20.817	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	31167	16.544	ug/l	99
78) 4-Chlorotoluene	12.78	91	330068	19.863	ug/l	100
79) tert-butylbenzene	13.00	119	344509	20.258	ug/l	98
80) 1,2,4-Trimethylbenzene	13.05	105	393488	20.259	ug/l	98
81) sec-Butylbenzene	13.18	105	462005	20.476	ug/l	100
82) p-Isopropyltoluene	13.29	119	408949	20.238	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	194871	19.130	ug/l	97
84) 1,4-Dichlorobenzene	13.37	146	196679	19.610	ug/l	98
85) n-Butylbenzene	13.62	91	364688	19.365	ug/l	99
86) Hexachloroethane	13.88	117	53509	16.625	ug/l	97
87) 1,2-Dichlorobenzene	13.66	146	199458	20.171	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.28	75	22283	17.690	ug/l	94
89) 1,2,4-Trichlorobenzene	14.92	180	114618	18.975	ug/l	99
90) Hexachlorobutadiene	15.01	225	54465	19.633	ug/l	98
91) Naphthalene	15.13	128	316909	19.067	ug/l	99
92) 1,2,3-Trichlorobenzene	15.30	180	109865	19.071	ug/l	99

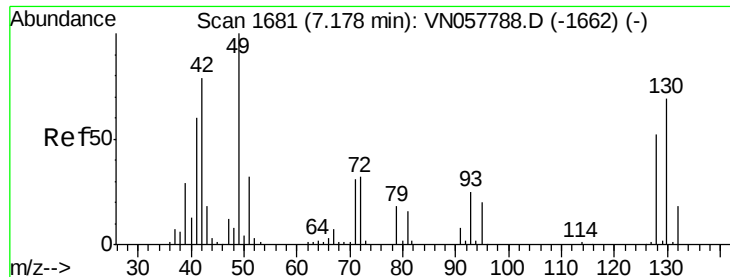
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
Data File : VN058011.D
Acq On : 13 Sep 2019 12:24
Operator : JC/SP
Sample : VN0914WBSD01
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Instrument :
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ClientSampleId :
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Quant Time: Sep 14 01:16:18 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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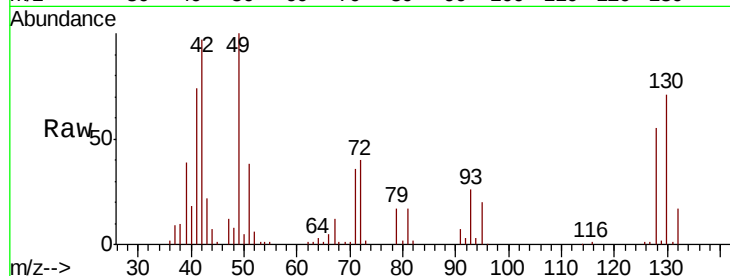
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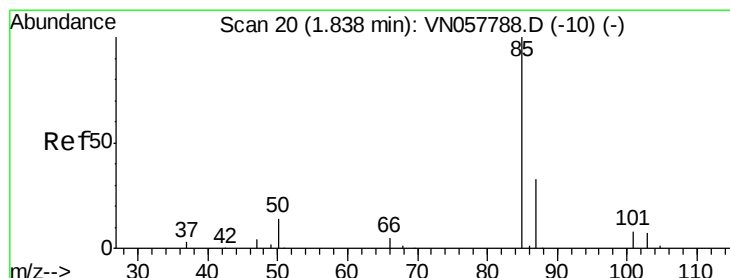
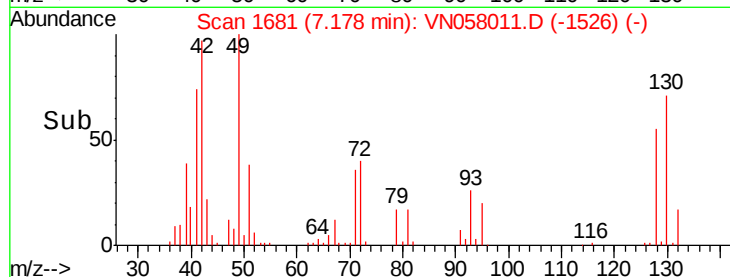
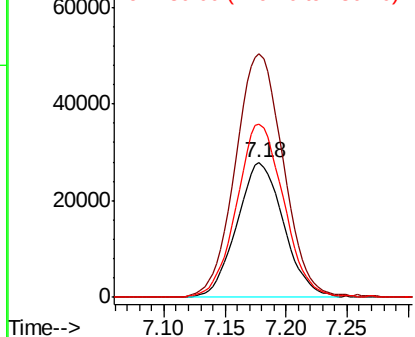
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Tgt Ion:128 Resp: 73867
 Ion Ratio Lower Upper
 128 100
 49 186.0 0.0 486.5
 130 129.3 0.0 324.5

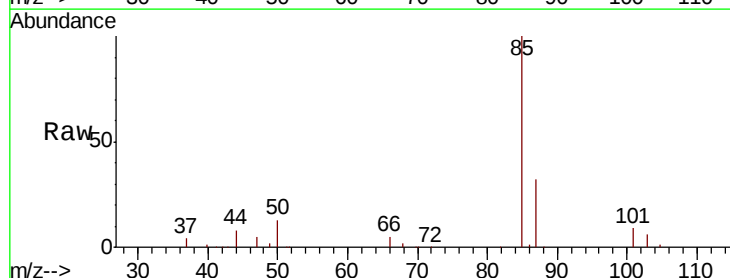


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

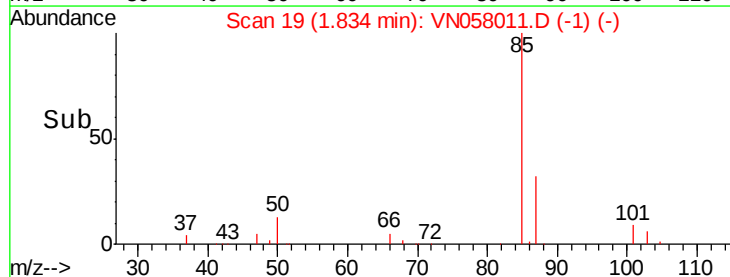
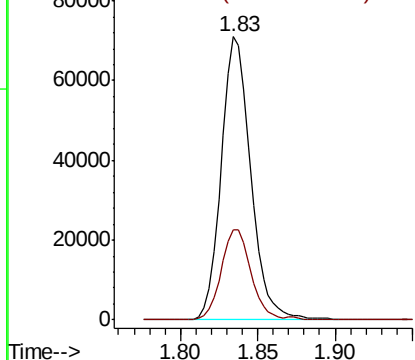


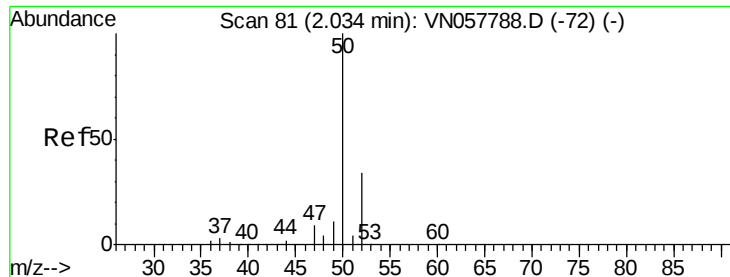
#2
 Dichlorodifluoromethane
 Concen: 21.034 ug/l
 RT: 1.83 min Scan# 19
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 85 Resp: 93872
 Ion Ratio Lower Upper
 85 100
 87 31.8 16.4 49.4



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 18.735 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

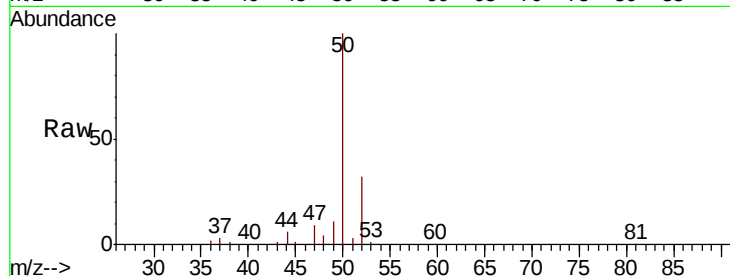
VN0914WBSD01

Tgt Ion: 50 Resp: 104257

Ion Ratio Lower Upper

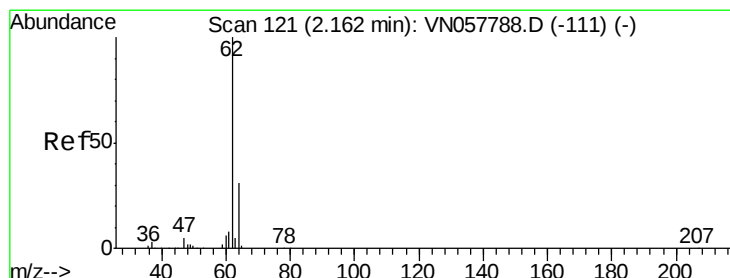
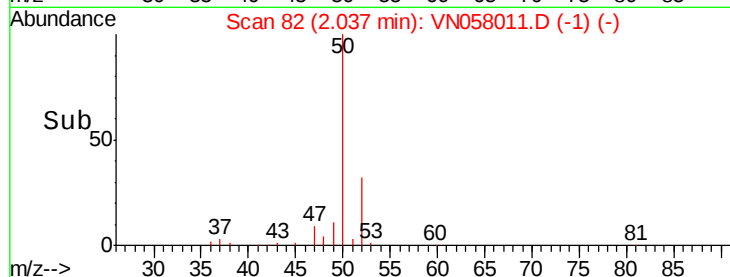
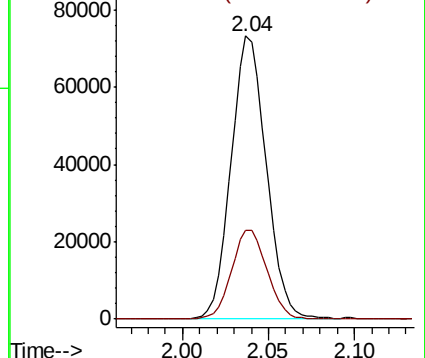
50 100

52 31.6 26.9 40.3



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 17.945 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN058011.D

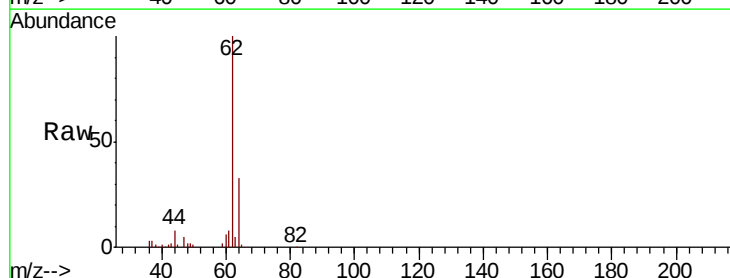
Acq: 13 Sep 2019 12:24

Tgt Ion: 62 Resp: 102174

Ion Ratio Lower Upper

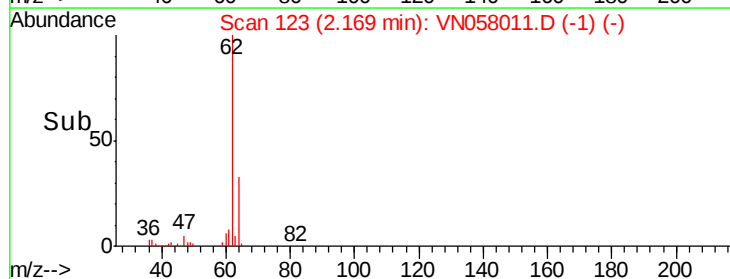
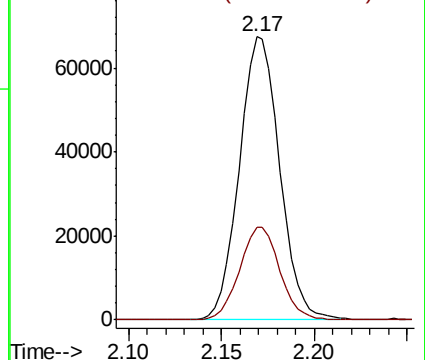
62 100

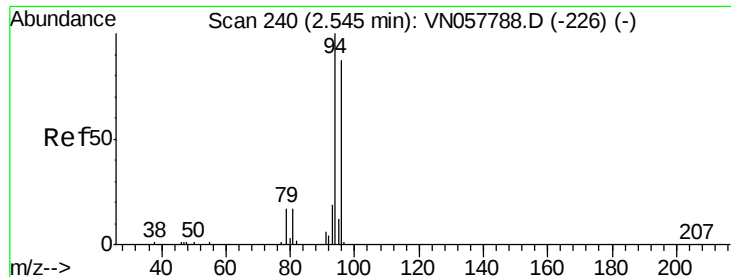
64 32.7 25.0 37.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 16.721 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.01 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

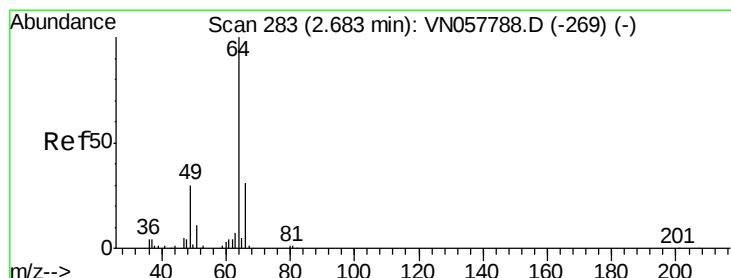
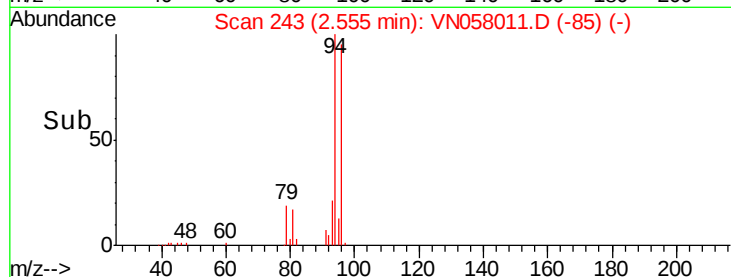
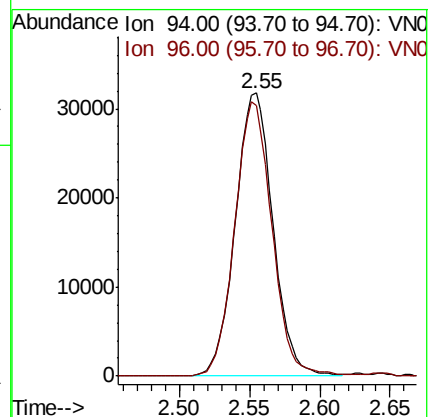
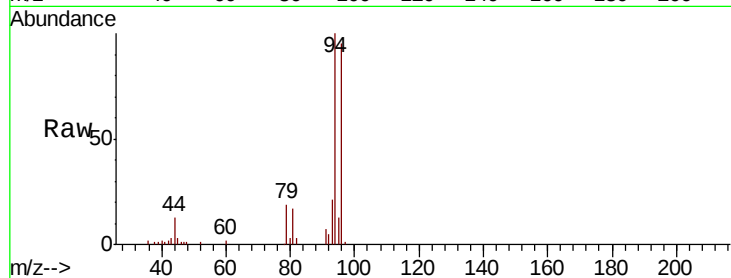
VN0914WBSD01

Tgt Ion: 94 Resp: 59415

Ion Ratio Lower Upper

94 100

96 95.5 69.2 103.8



#6

Chloroethane

Concen: 18.109 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN058011.D

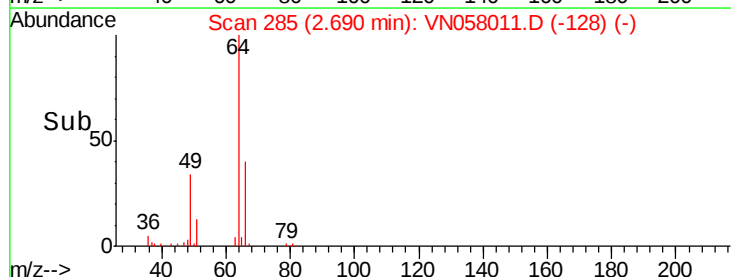
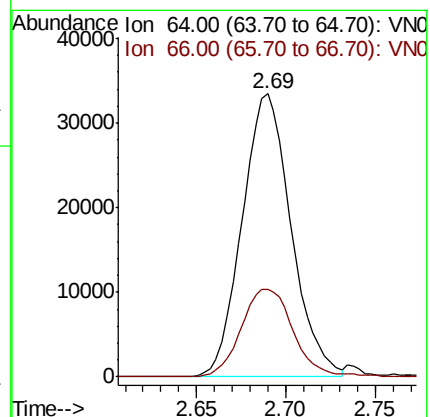
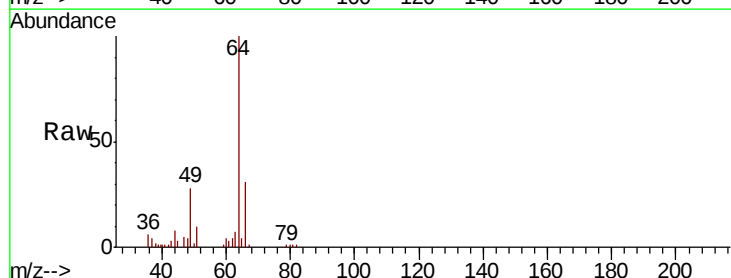
Acq: 13 Sep 2019 12:24

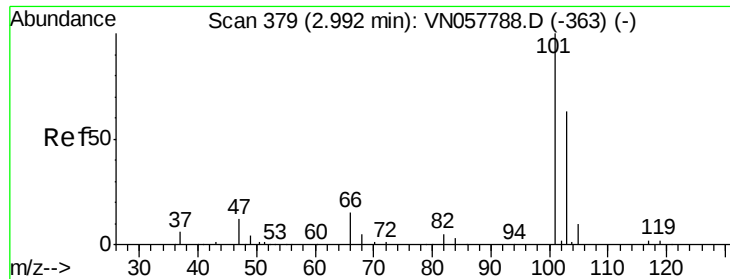
Tgt Ion: 64 Resp: 64077

Ion Ratio Lower Upper

64 100

66 31.0 24.4 36.6



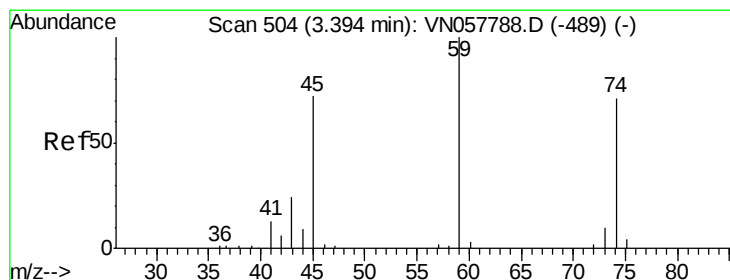
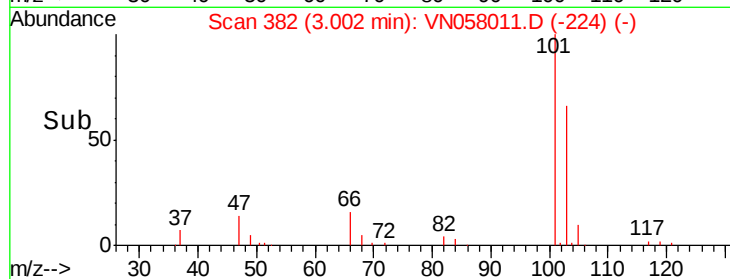
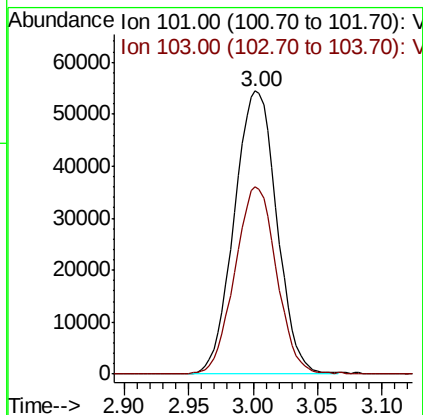
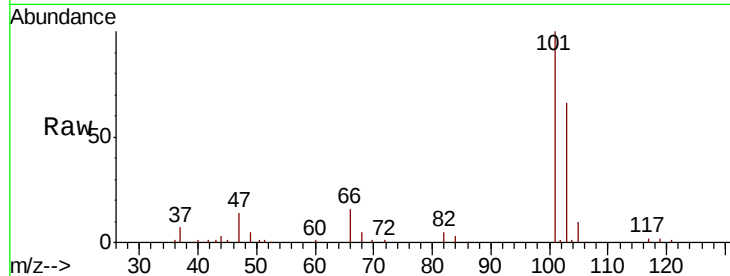


#7

Trichlorofluoromethane
 Concen: 19.022 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

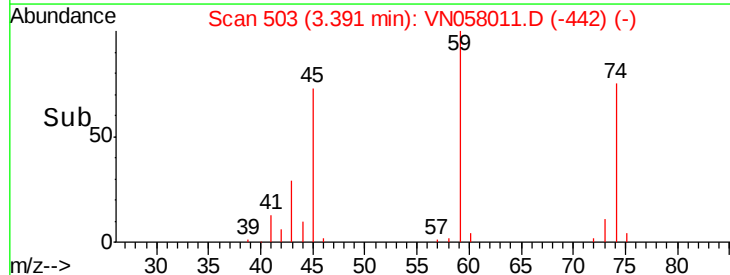
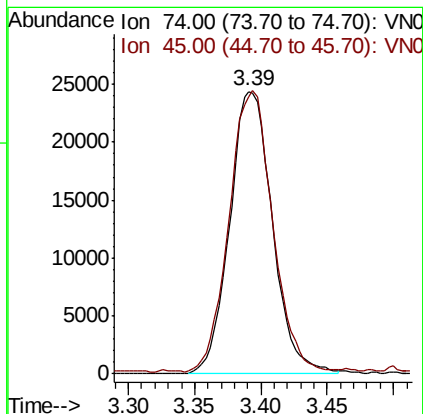
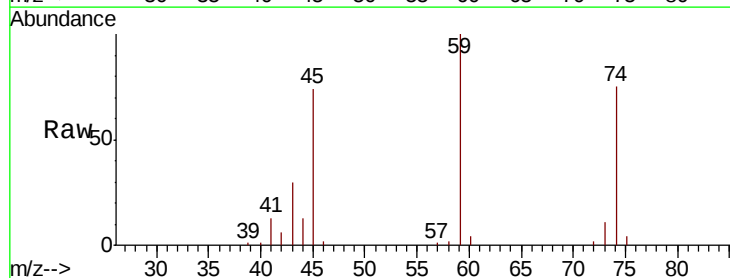
Tgt Ion:101 Resp: 125127
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.2 75.2

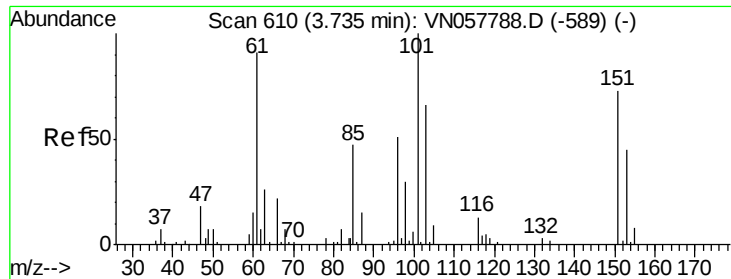


#8

Diethyl Ether
 Concen: 20.554 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 74 Resp: 54543
 Ion Ratio Lower Upper
 74 100
 45 101.0 20.3 182.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.562 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

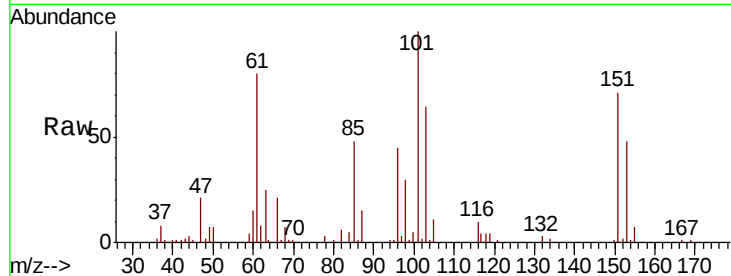
Tgt Ion:101 Resp: 84457

Ion Ratio Lower Upper

101 100

85 47.8 0.0 94.0

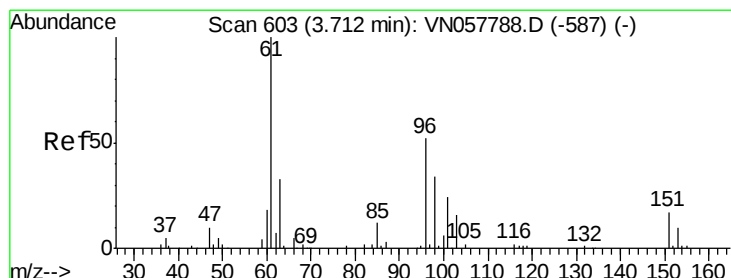
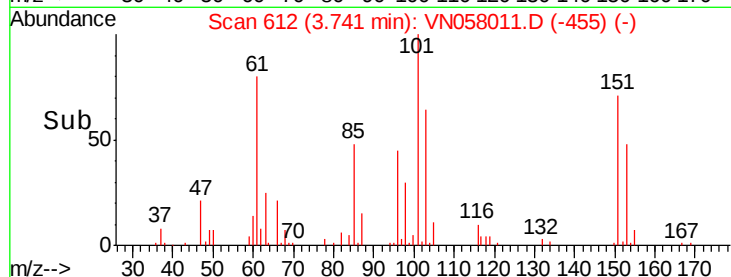
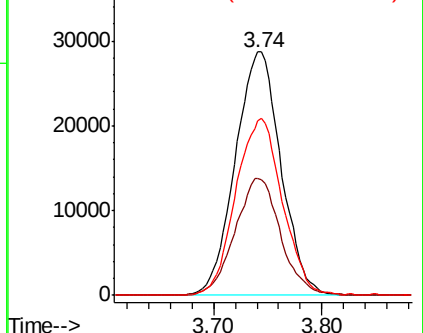
151 74.0 0.0 144.4



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: 20.019 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.01 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

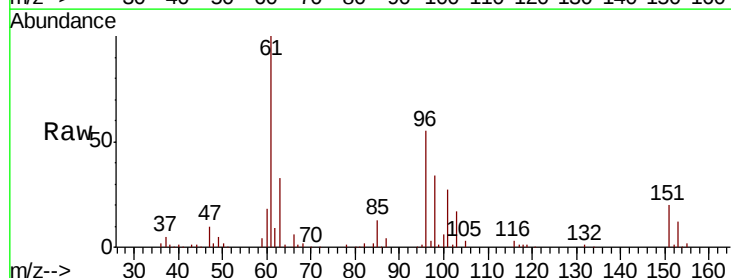
Tgt Ion: 96 Resp: 78192

Ion Ratio Lower Upper

96 100

61 181.7 153.4 230.0

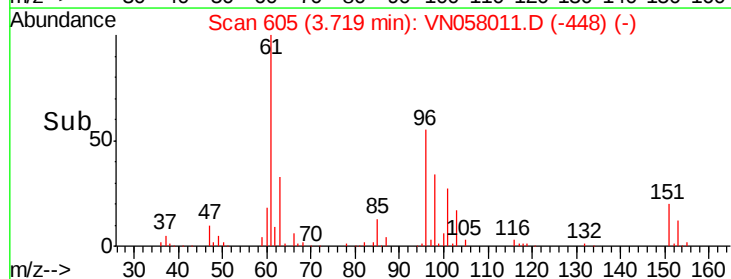
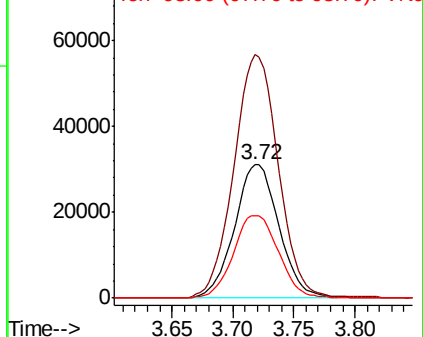
98 61.8 51.5 77.3

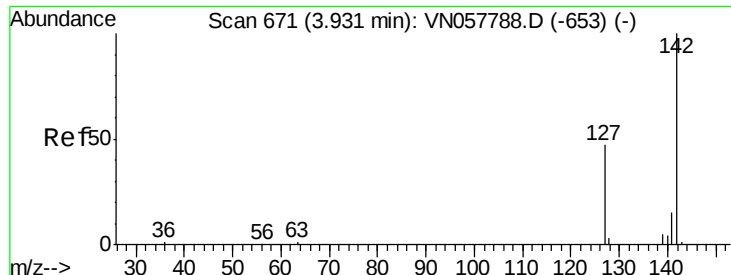


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

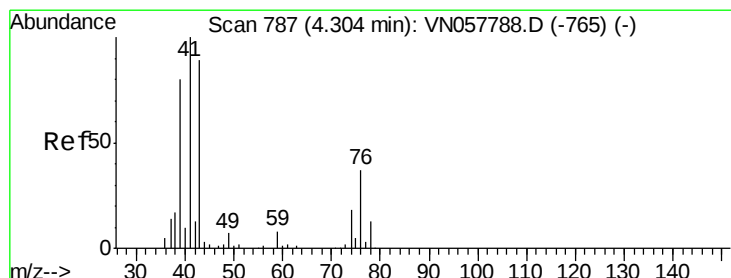
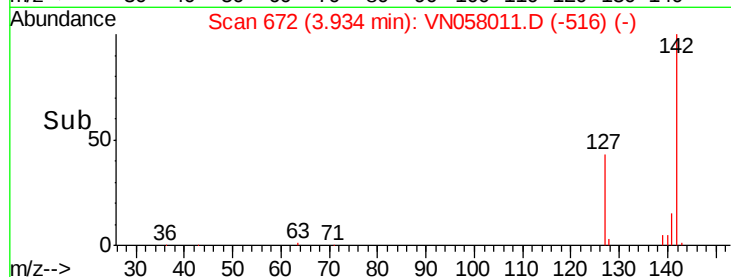
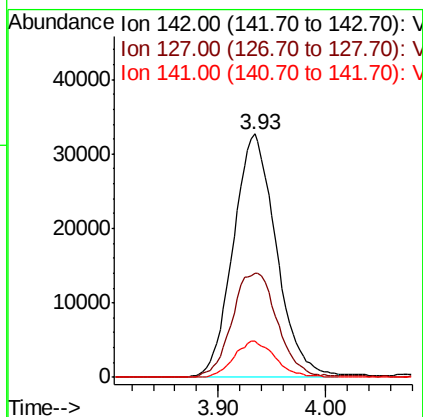
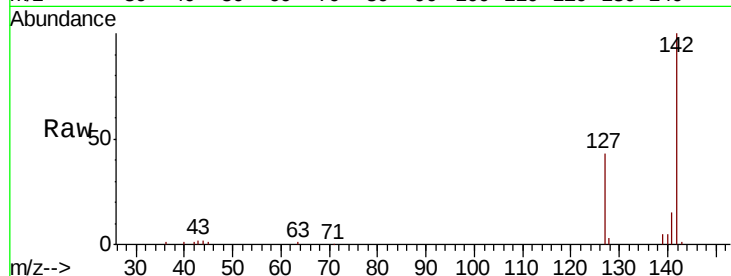




#11
Methyl Iodide
Concen: 17.345 ug/l
RT: 3.93 min Scan# 672
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

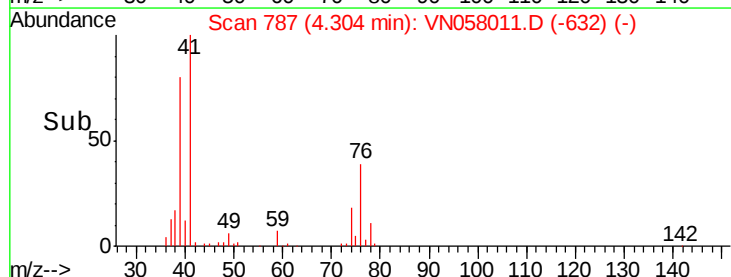
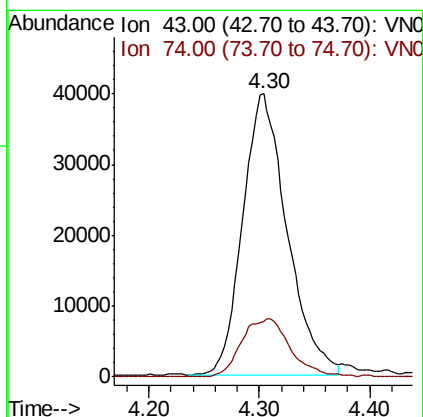
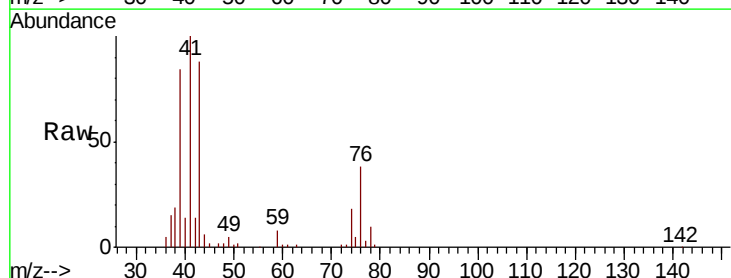
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

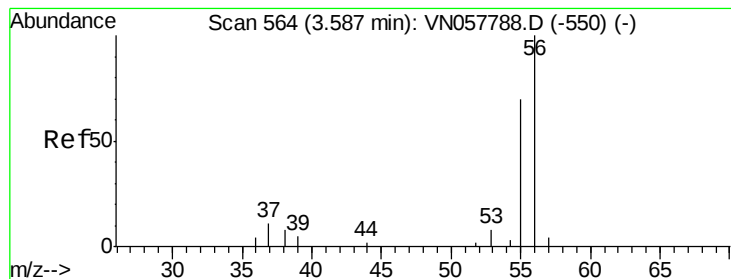
Tgt Ion: 142 Resp: 90639
Ion Ratio Lower Upper
142 100
127 42.9 23.3 69.8
141 14.7 7.5 22.6



#12
Methyl Acetate
Concen: 20.669 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 43 Resp: 110789
Ion Ratio Lower Upper
43 100
74 19.9 16.2 24.4





#13

Acrolein

Concen: 3.263 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

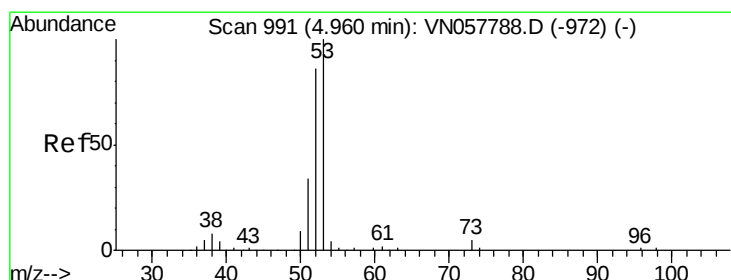
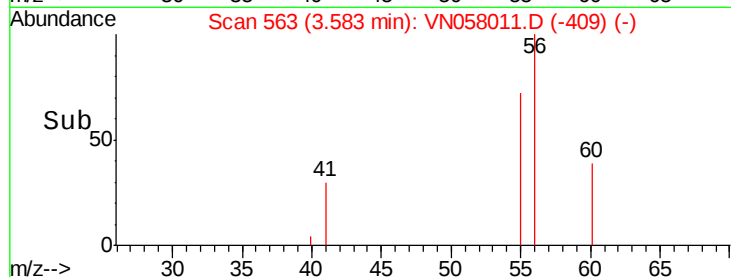
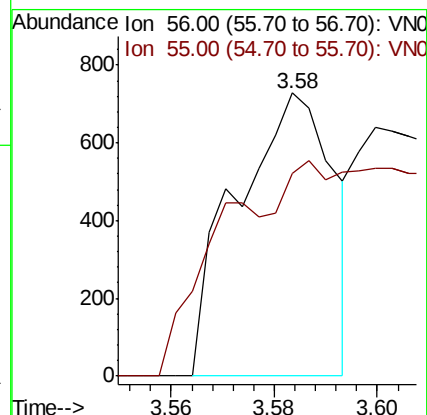
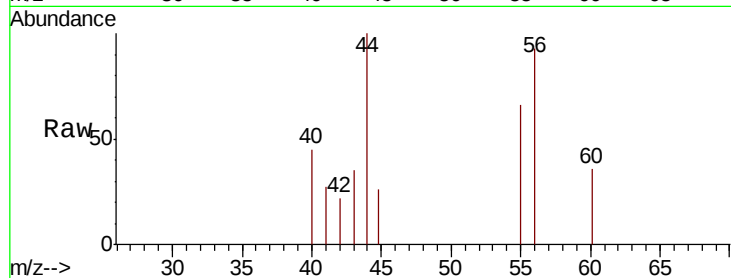
VN0914WBSD01

Tgt Ion: 56 Resp: 949

Ion Ratio Lower Upper

56 100

55 11.8 59.0 88.4#



#14

Acrylonitrile

Concen: 99.844 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

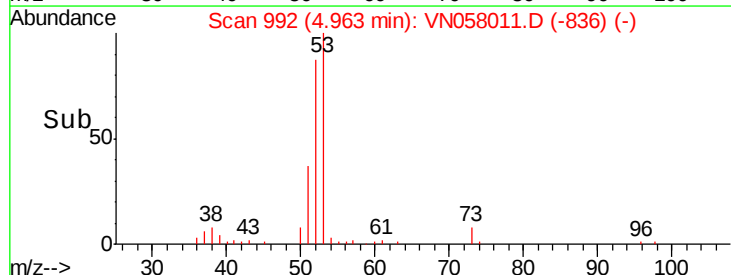
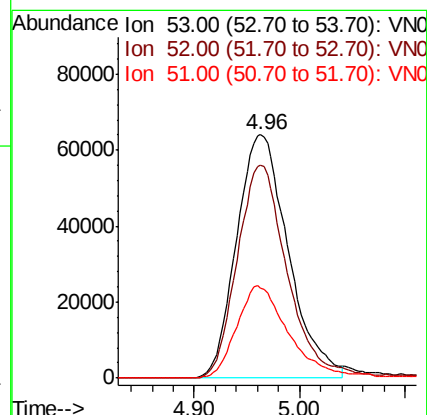
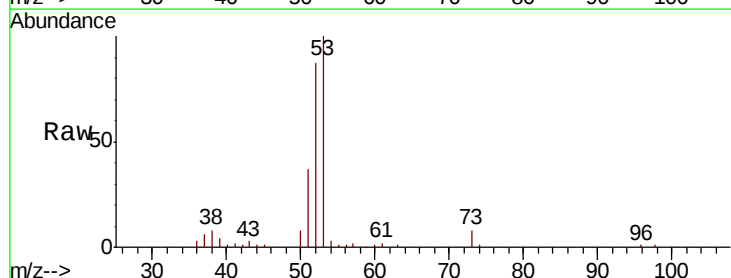
Tgt Ion: 53 Resp: 218170

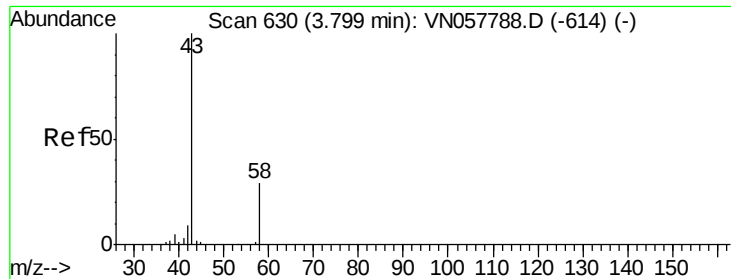
Ion Ratio Lower Upper

53 100

52 84.8 41.0 123.0

51 37.8 8.6 25.8#





#15

Acetone

Concen: 91.400 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

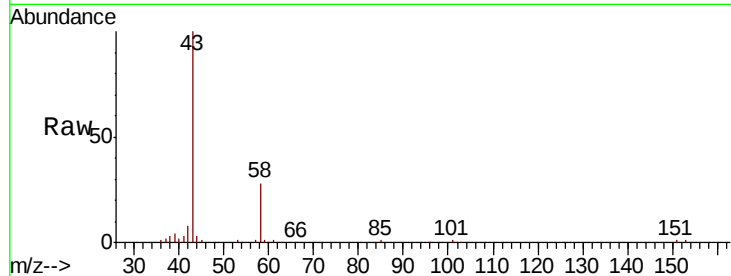
VN0914WBSD01

Tgt Ion: 58 Resp: 56700

Ion Ratio Lower Upper

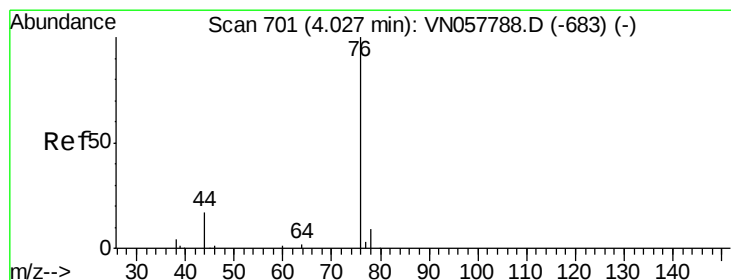
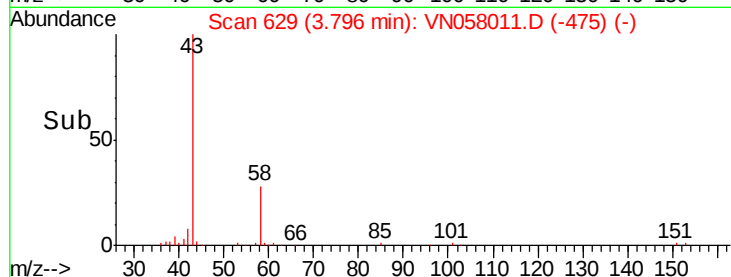
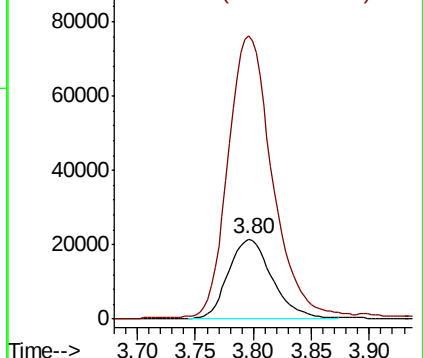
58 100

43 349.1 277.7 416.5



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 16.864 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN058011.D

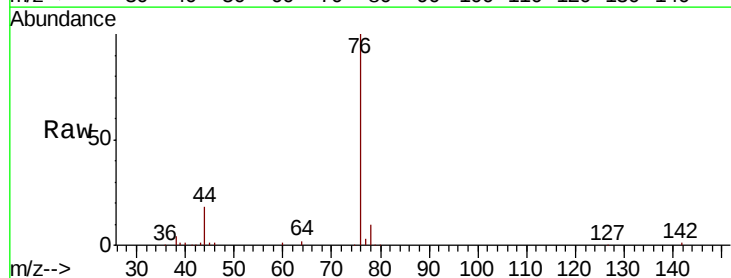
Acq: 13 Sep 2019 12:24

Tgt Ion: 76 Resp: 153385

Ion Ratio Lower Upper

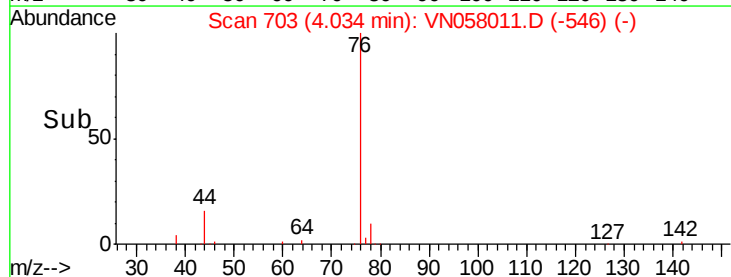
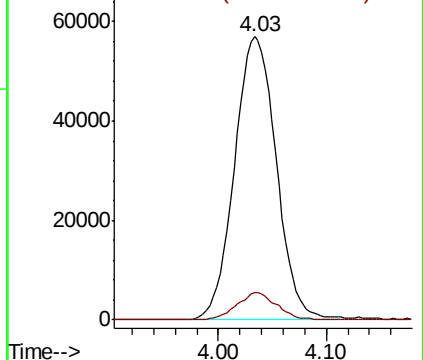
76 100

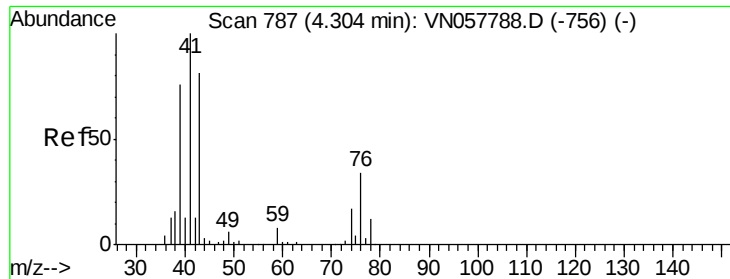
78 9.7 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

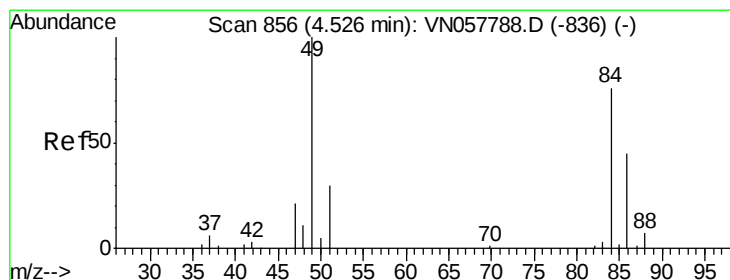
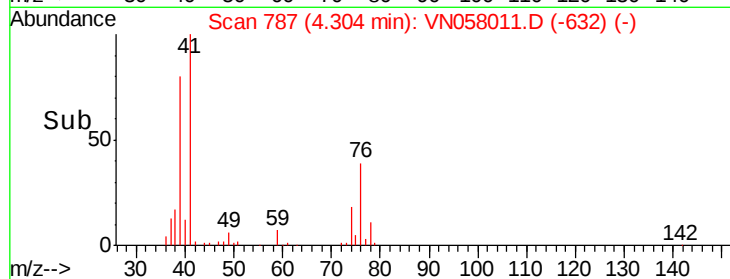
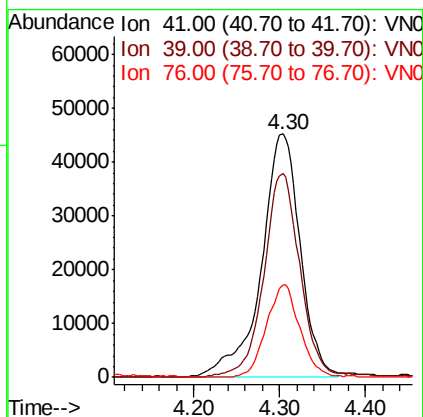
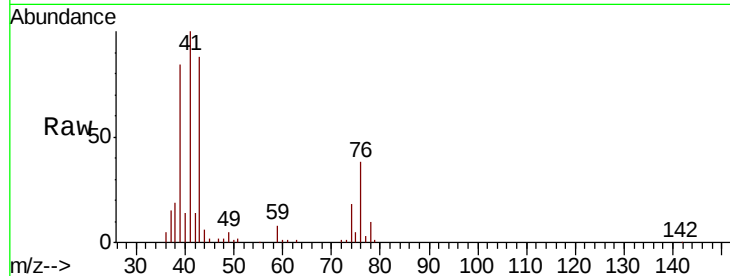




#17
 Allyl chloride
 Concen: 19.954 ug/l
 RT: 4.30 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

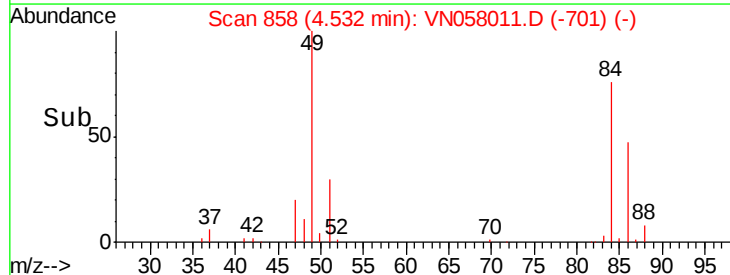
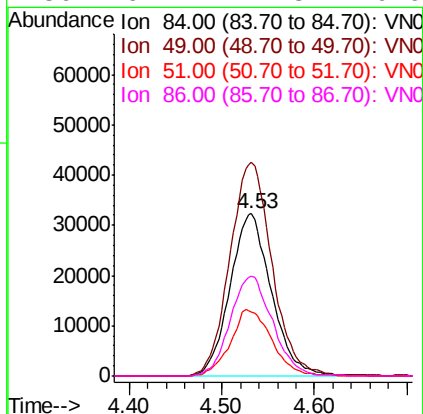
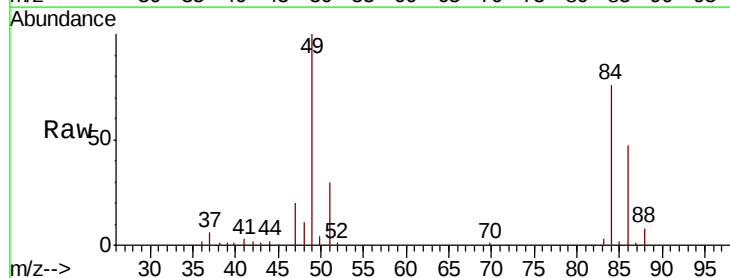
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

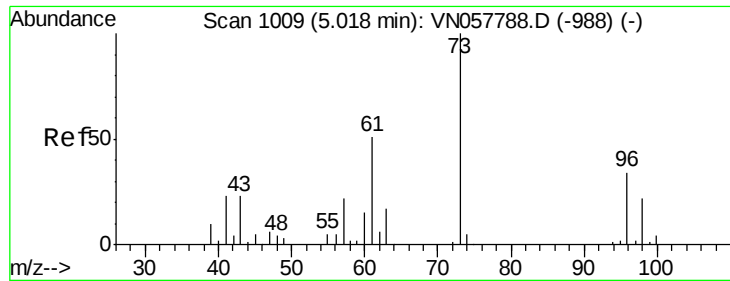
Tgt Ion: 41 Resp: 142816
 Ion Ratio Lower Upper
 41 100
 39 83.5 38.5 115.3
 76 38.1 17.2 51.6



#18
 Methylene Chloride
 Concen: 20.302 ug/l
 RT: 4.53 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 84 Resp: 99926
 Ion Ratio Lower Upper
 84 100
 49 131.6 105.4 158.2
 51 39.4 31.3 46.9
 86 61.4 47.3 70.9

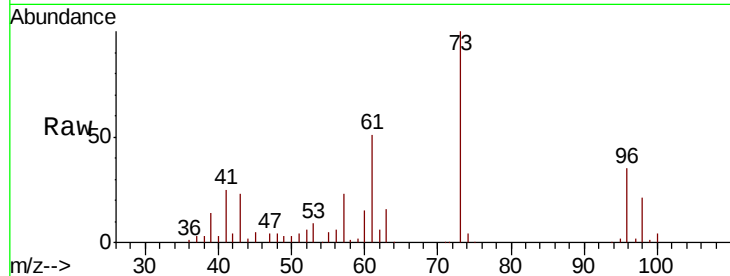




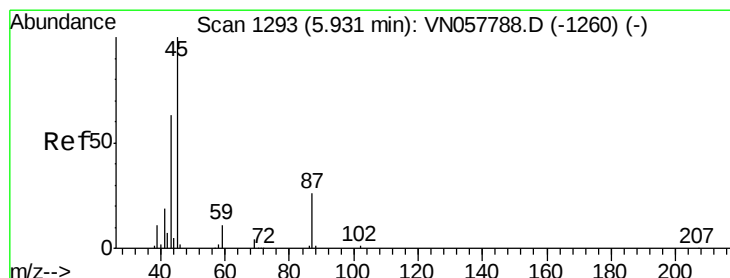
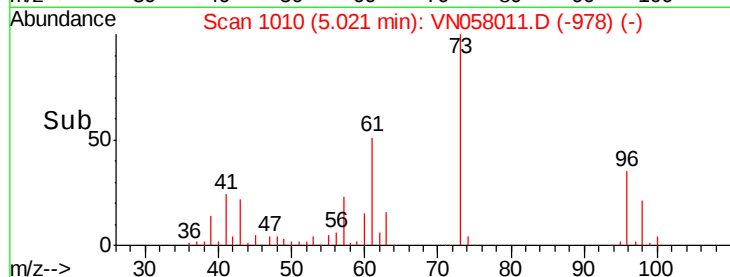
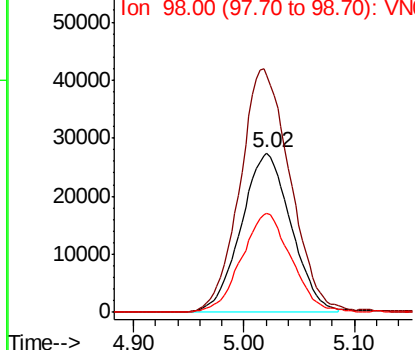
#19
trans-1,2-Dichloroethene
Concen: 19.779 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 96 Resp: 86103
Ion Ratio Lower Upper
96 100
61 148.3 121.0 181.6
98 61.8 52.7 79.1

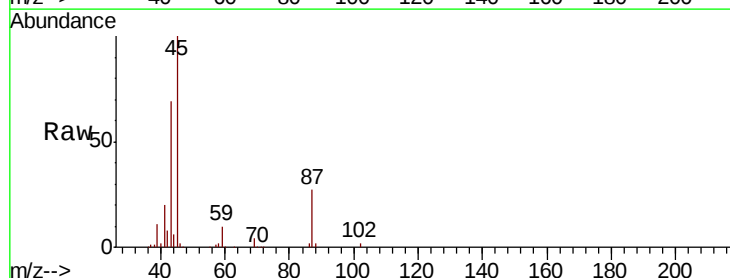


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

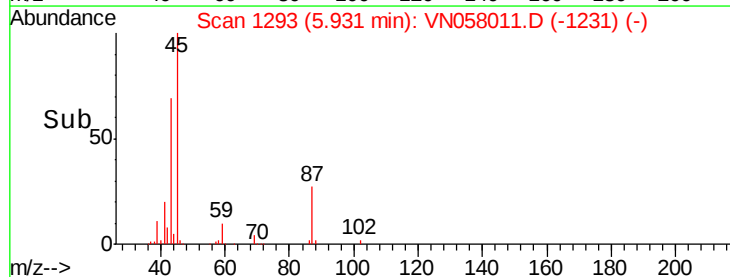
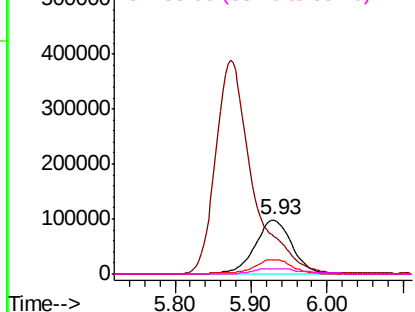


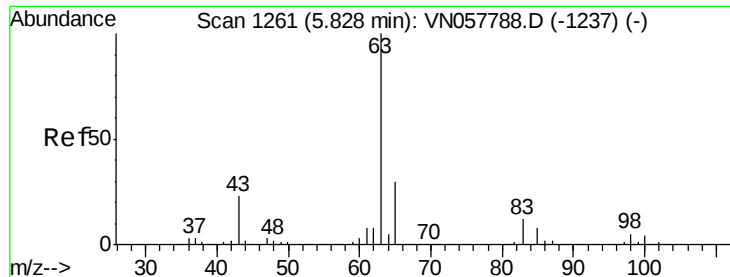
#20
Diisopropyl ether
Concen: 19.913 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 45 Resp: 333180
Ion Ratio Lower Upper
45 100
43 66.8 55.2 82.8
87 26.6 21.3 31.9
59 10.1 9.1 13.7



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

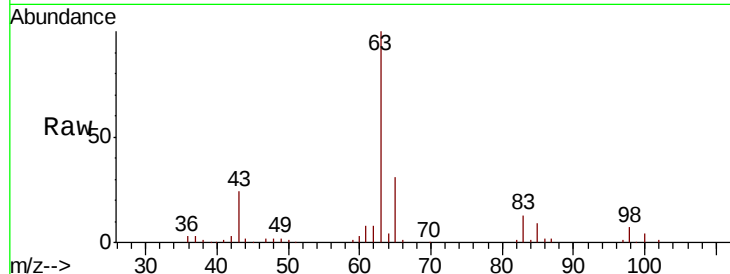




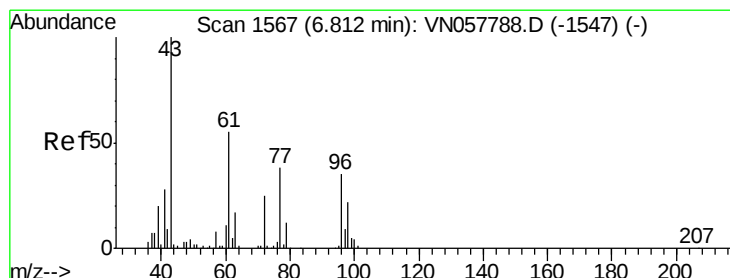
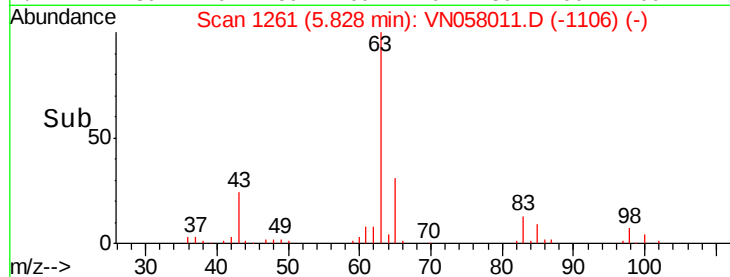
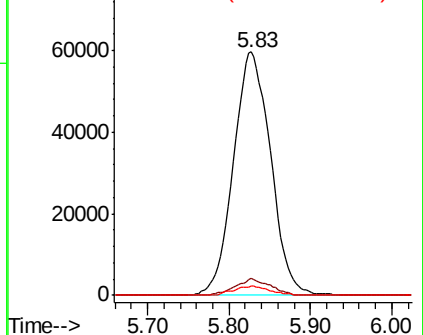
#21
 1,1-Dichloroethane
 Concen: 20.493 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Tgt Ion: 63 Resp: 189071
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.8 8.3
 100 3.6 1.8 5.5

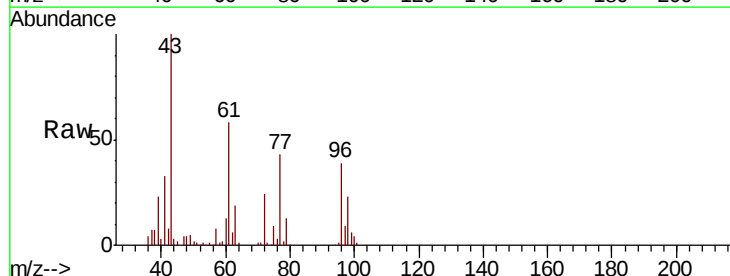


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

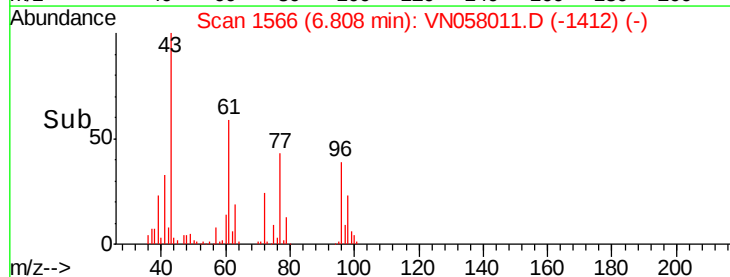
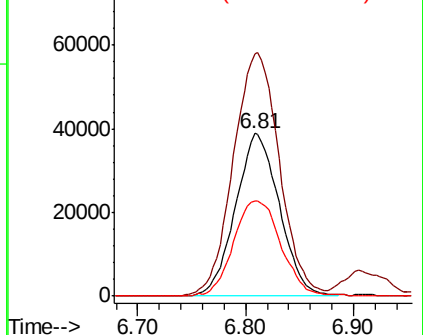


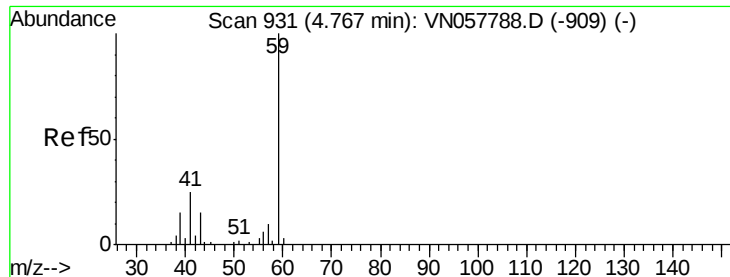
#22
 cis-1,2-Dichloroethene
 Concen: 20.591 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 96 Resp: 109828
 Ion Ratio Lower Upper
 96 100
 61 156.8 127.4 191.0
 98 62.8 51.5 77.3



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

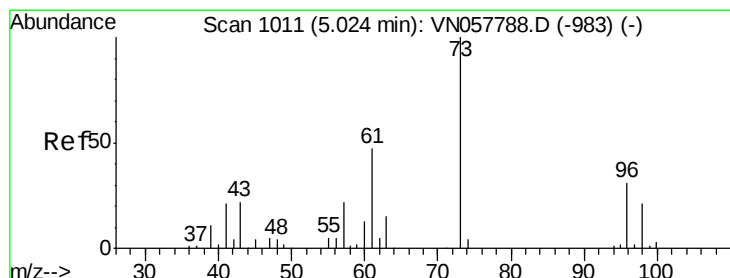
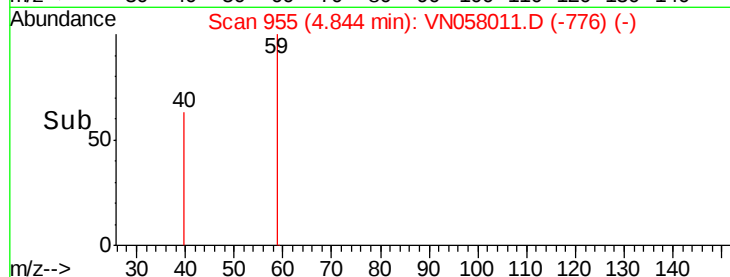
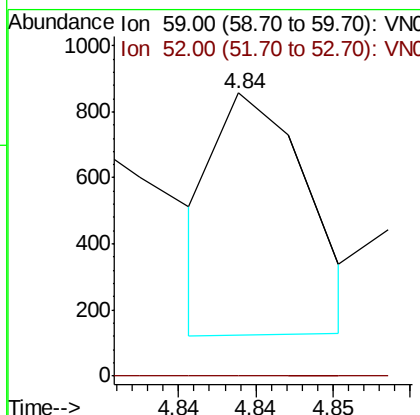
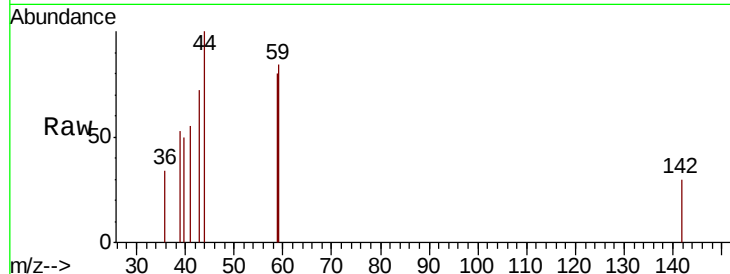




#23
 tert-Butyl Alcohol
 Concen: 0.419 ug/l
 RT: 4.84 min Scan# 955
 Delta R.T. 0.08 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

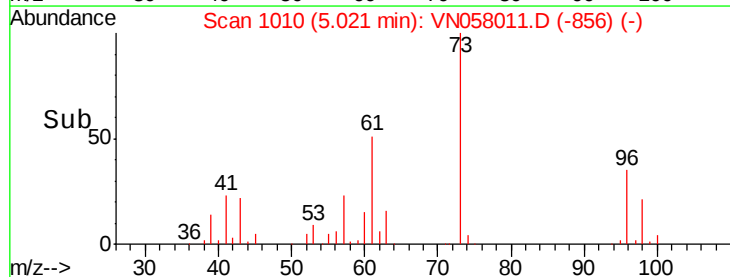
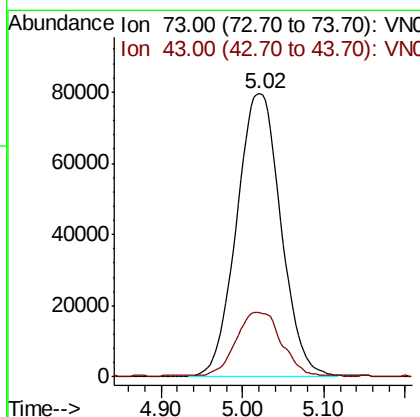
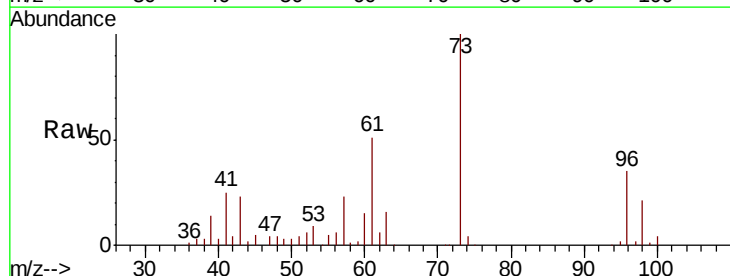
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

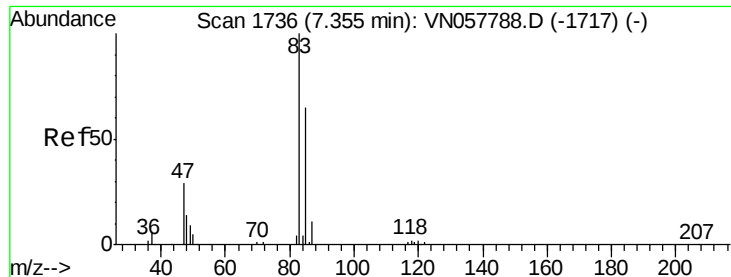
Tgt Ion: 59 Resp: 299
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 20.034 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 73 Resp: 299927
 Ion Ratio Lower Upper
 73 100
 43 22.8 0.0 0.0#





#25

Chloroform

Concen: 20.316 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

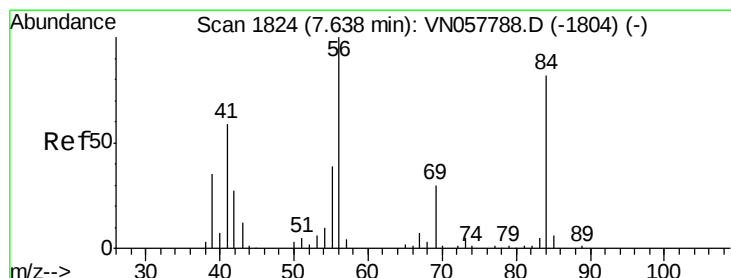
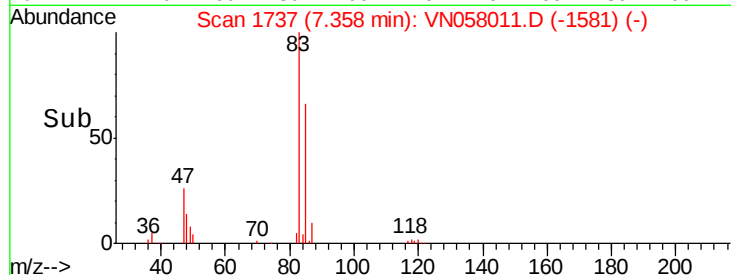
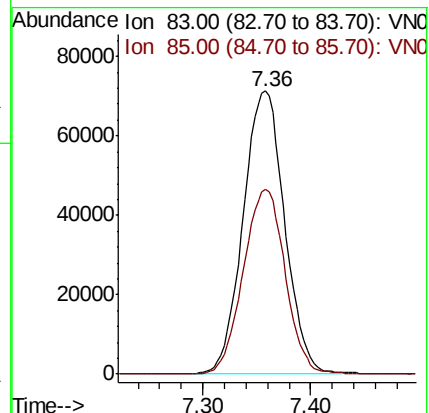
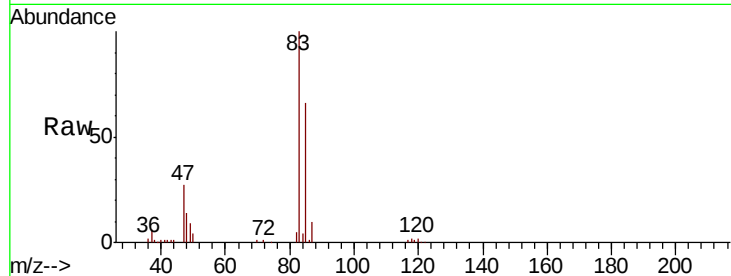
VN0914WBSD01

Tgt Ion: 83 Resp: 190825

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6



#26

Cyclohexane

Concen: 19.652 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

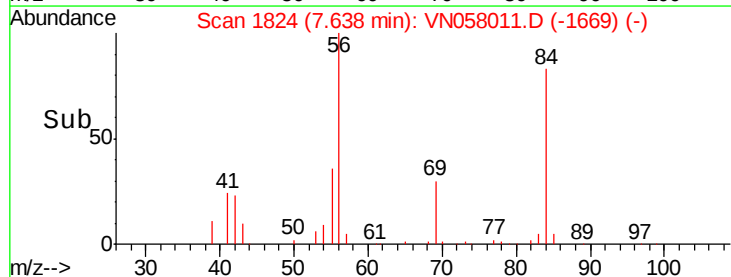
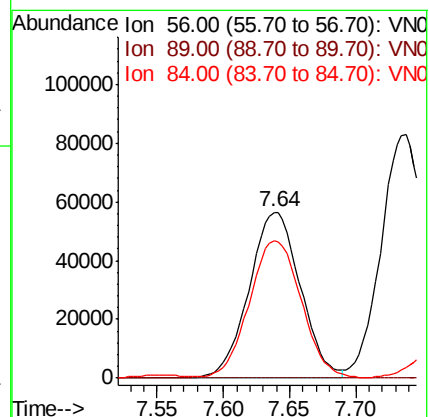
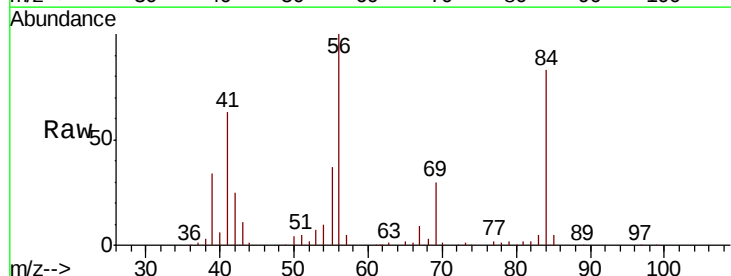
Tgt Ion: 56 Resp: 152339

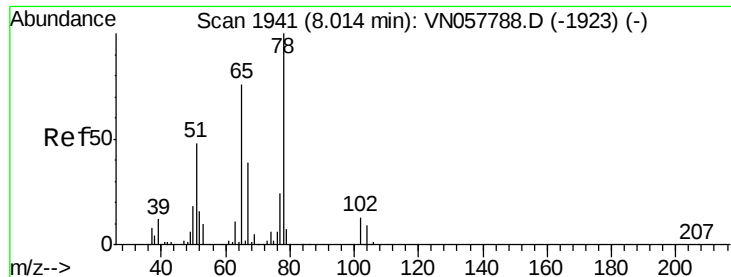
Ion Ratio Lower Upper

56 100

89 0.1 0.3 0.5#

84 83.2 66.6 100.0





#27

1,2-Dichloroethane-d4

Concen: 30.677 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

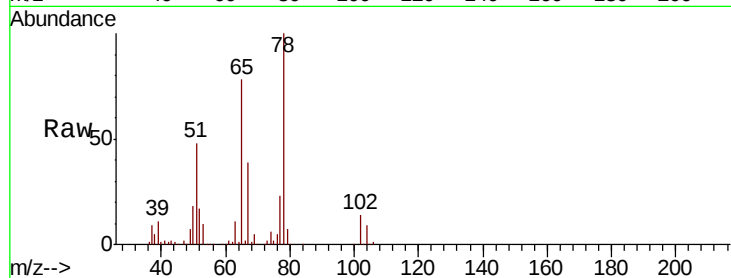
VN0914WBSD01

Tgt Ion: 65 Resp: 200444

Ion Ratio Lower Upper

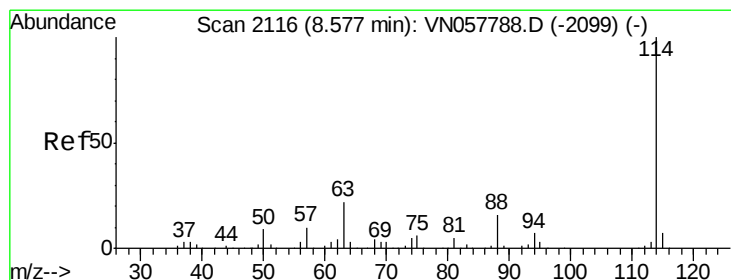
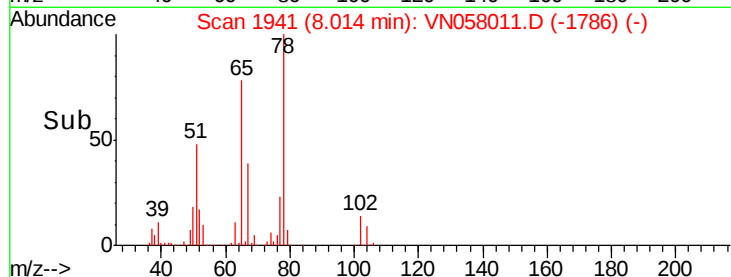
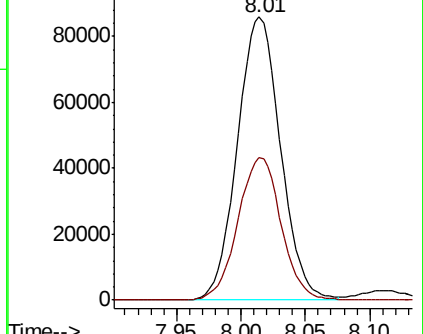
65 100

67 50.5 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VN057788.D (-1923) (-)

Ion 67.00 (66.70 to 67.70): VN057788.D (-1923) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

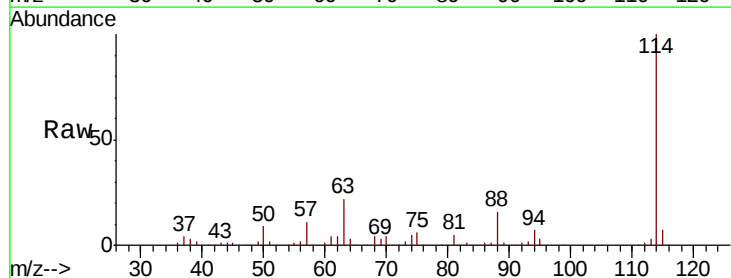
Tgt Ion: 114 Resp: 430714

Ion Ratio Lower Upper

114 100

63 22.5 18.0 27.0

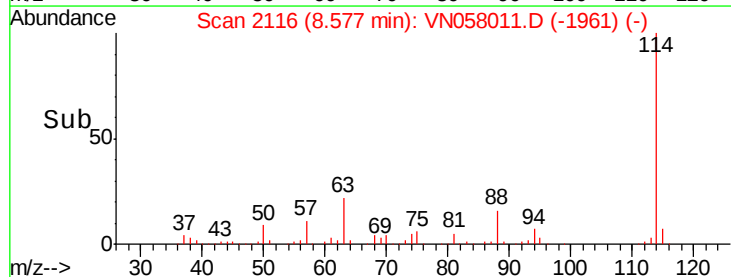
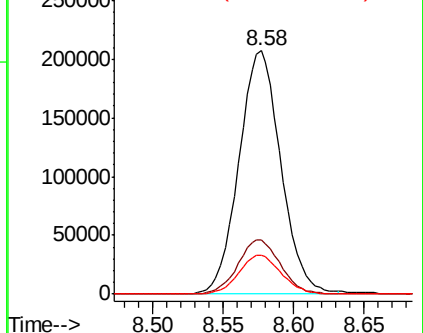
88 16.2 12.6 19.0

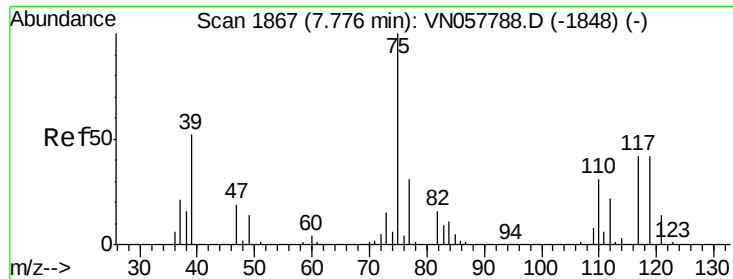


Abundance Ion 114.00 (113.70 to 114.70): VN057788.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN057788.D (-2099) (-)

Ion 88.00 (87.70 to 88.70): VN057788.D (-2099) (-)

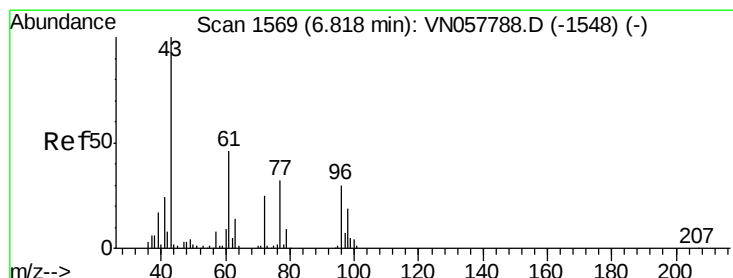
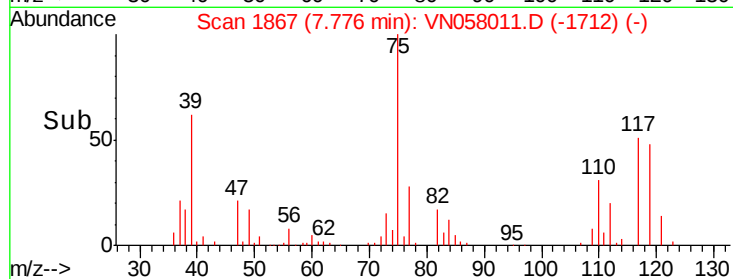
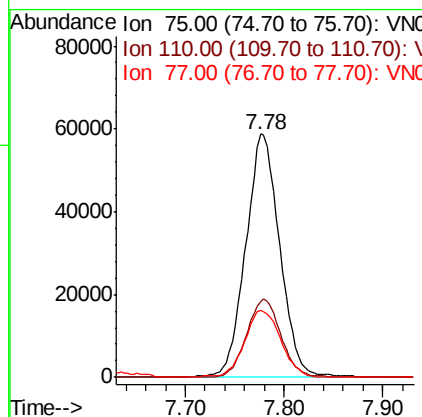
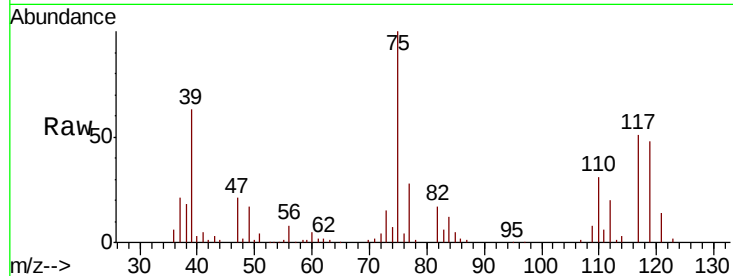




#29
 1,1-Dichloropropene
 Concen: 20.678 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

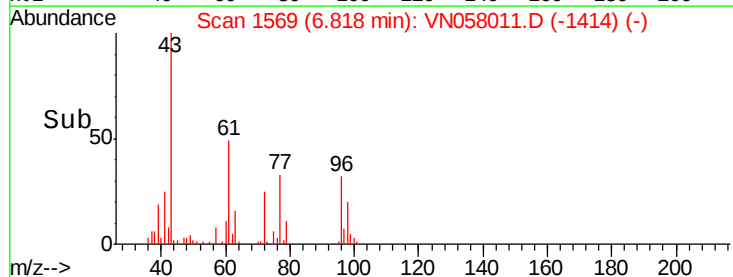
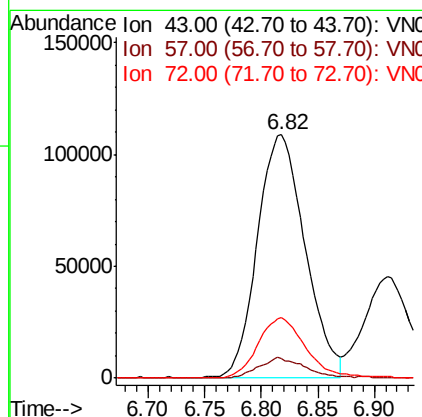
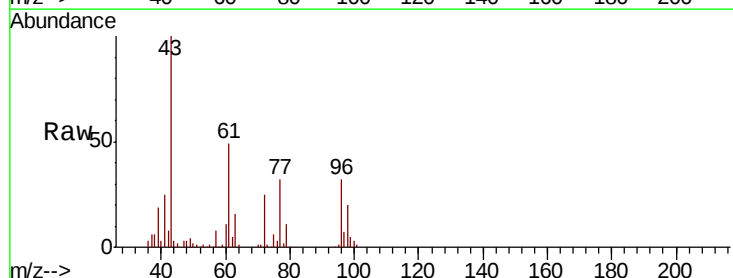
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

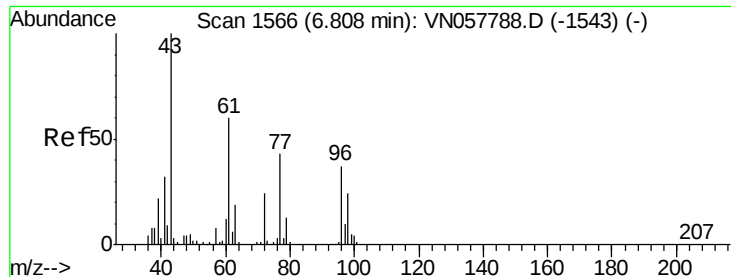
Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	0.0	63.8
77	28.5	0.0	60.0



#30
 2-Butanone
 Concen: 103.514 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.4	9.6
72	25.0	20.3	30.5





#31

2,2-Dichloropropane

Concen: 18.968 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

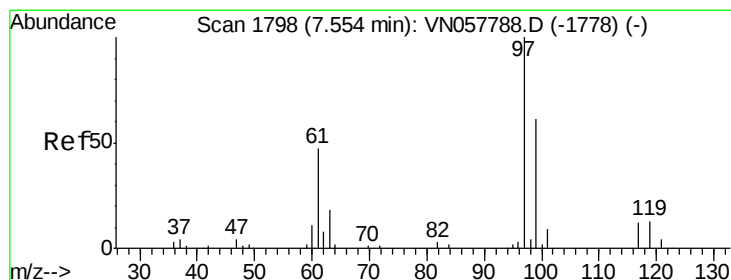
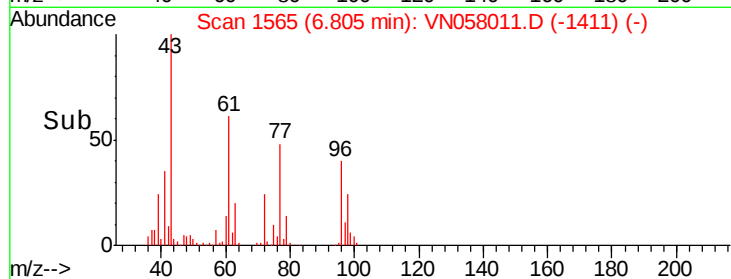
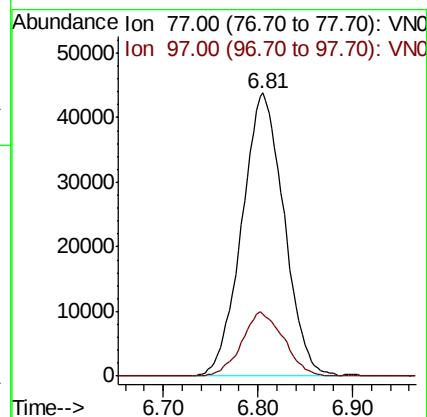
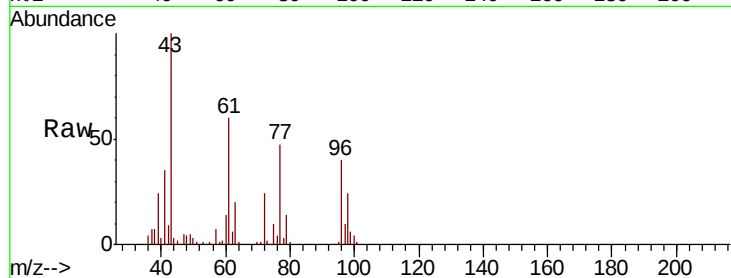
VN0914WBSD01

Tgt Ion: 77 Resp: 135690

Ion Ratio Lower Upper

77 100

97 22.5 17.7 26.5



#32

1,1,1-Trichloroethane

Concen: 19.970 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

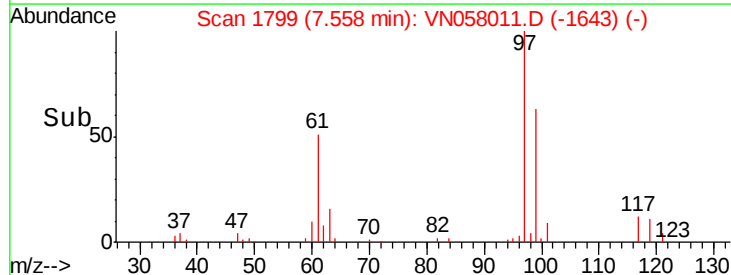
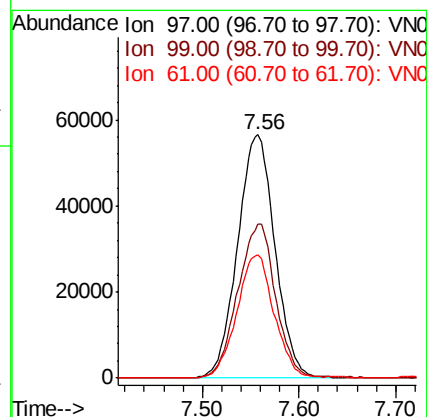
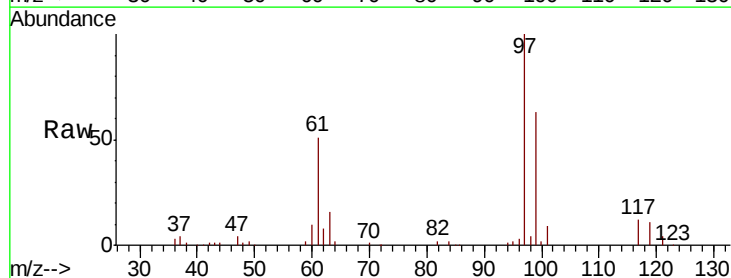
Tgt Ion: 97 Resp: 152136

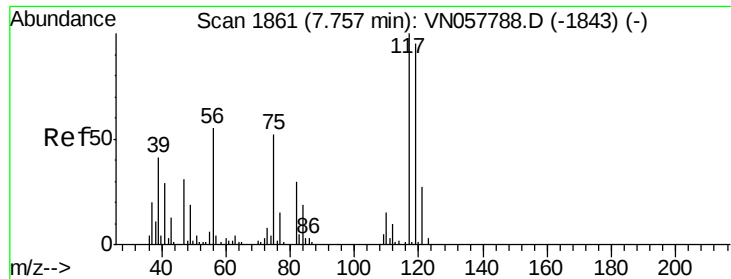
Ion Ratio Lower Upper

97 100

99 63.8 49.8 74.8

61 50.4 38.7 58.1

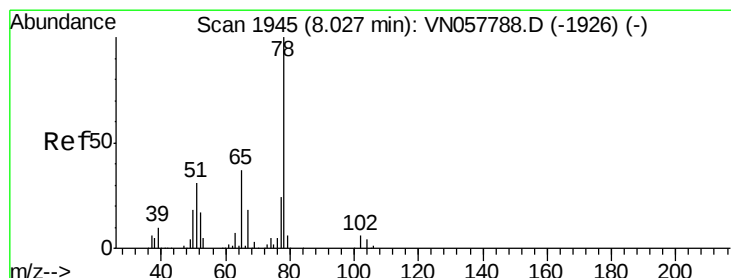
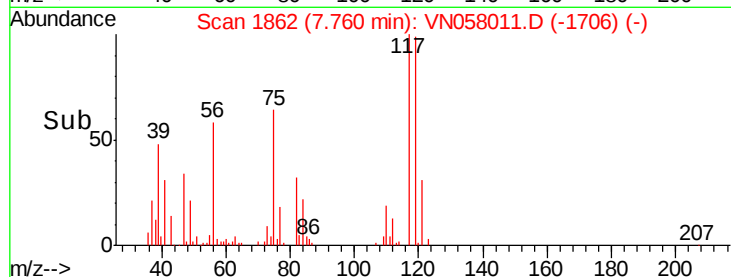
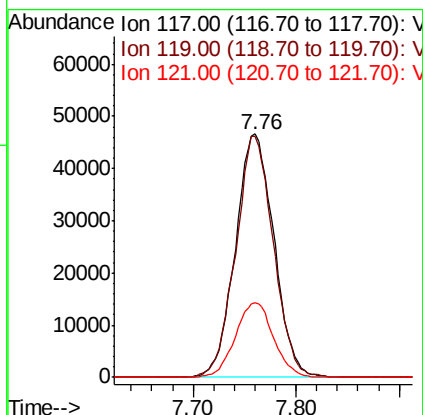
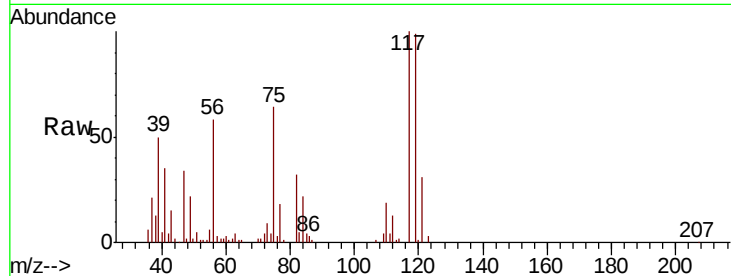




#33
Carbon Tetrachloride
Concen: 19.470 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

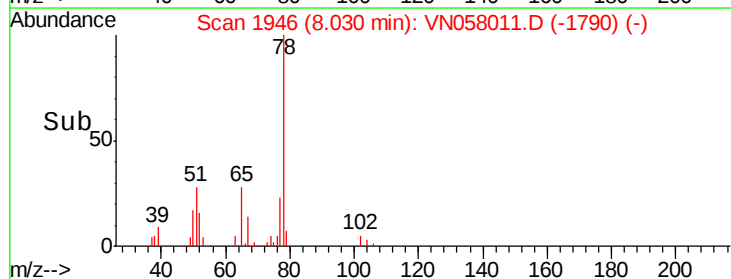
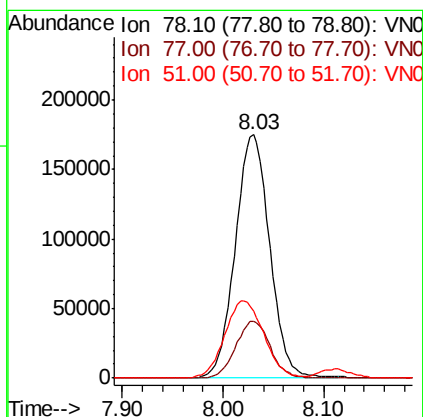
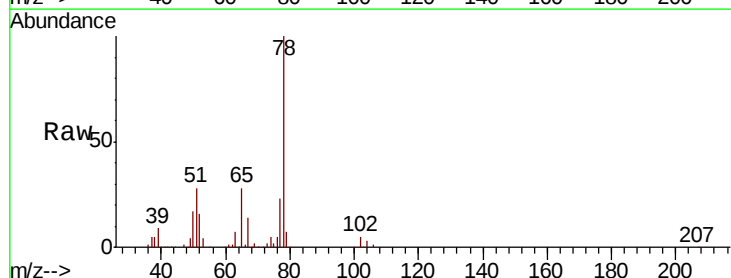
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

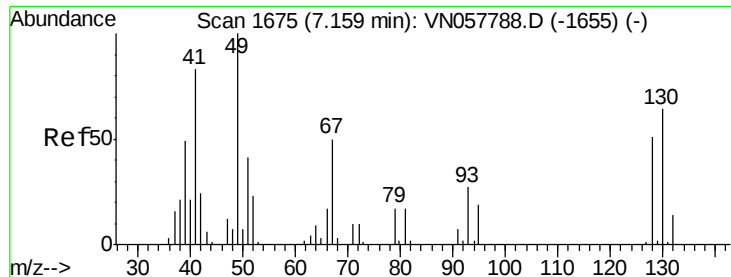
Tgt Ion: 117 Resp: 121000
Ion Ratio Lower Upper
117 100
119 99.1 75.7 113.5
121 30.7 21.7 32.5



#34
Benzene
Concen: 20.672 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 78 Resp: 415037
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8
51 27.5 24.9 37.3

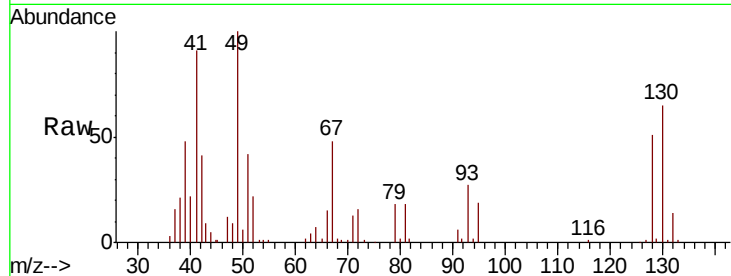




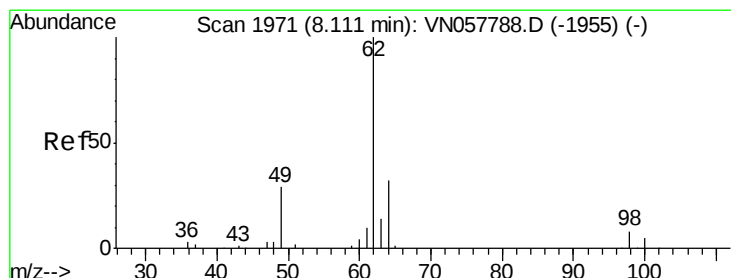
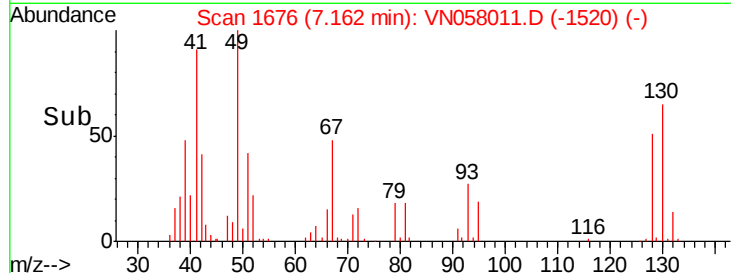
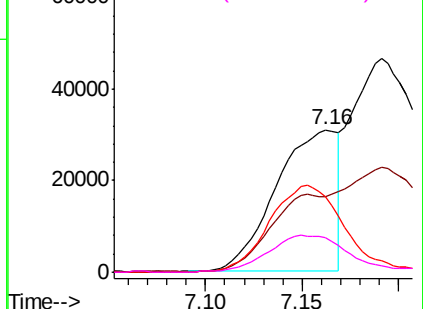
#35
Methacrylonitrile
Concen: 24.229 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:	41	Resp:	68659
Ion	Ratio	Lower	Upper
41	100		
39	53.4	29.8	89.5
67	53.0	30.0	90.1
52	24.2	13.9	41.6

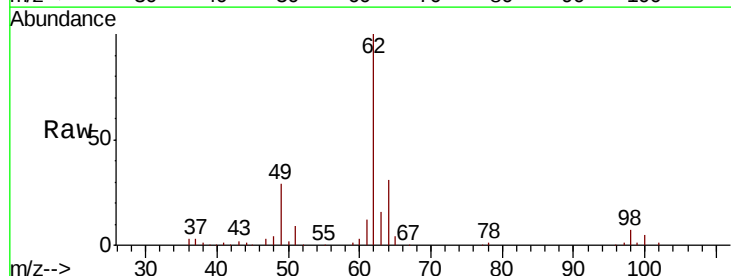


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

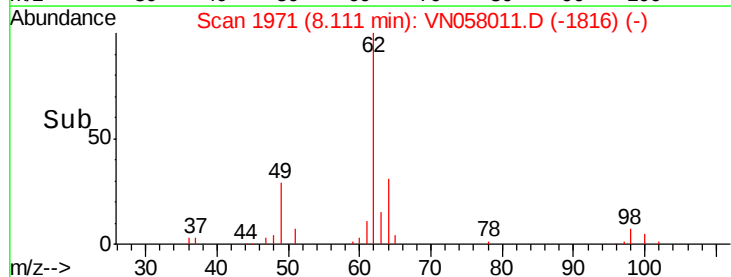
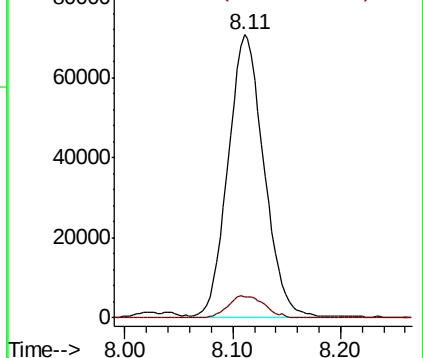


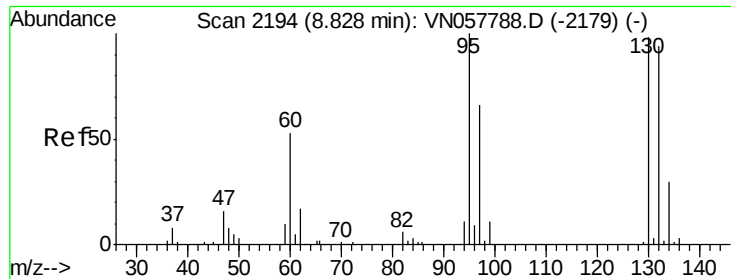
#36
1,2-Dichloroethane
Concen: 21.169 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion:	62	Resp:	164929
Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.6	9.8



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

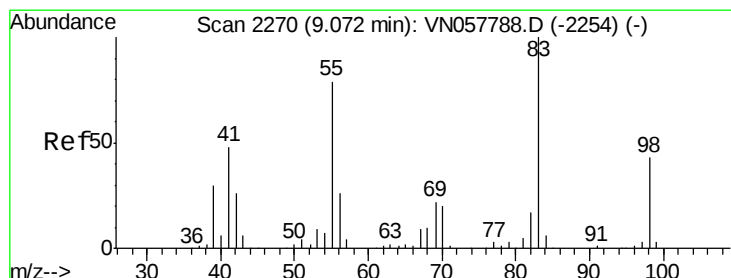
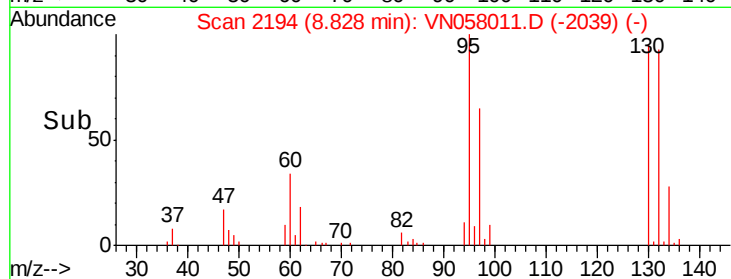
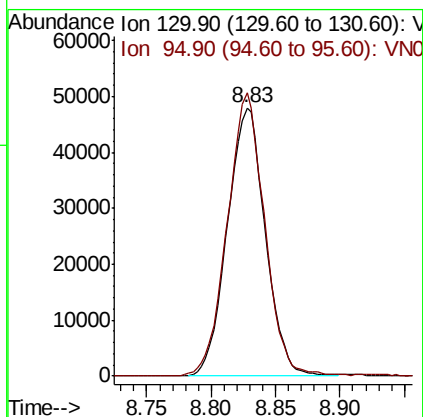
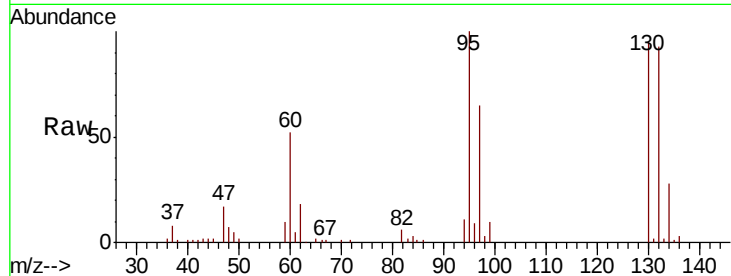




#37
 Trichloroethene
 Concen: 20.102 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

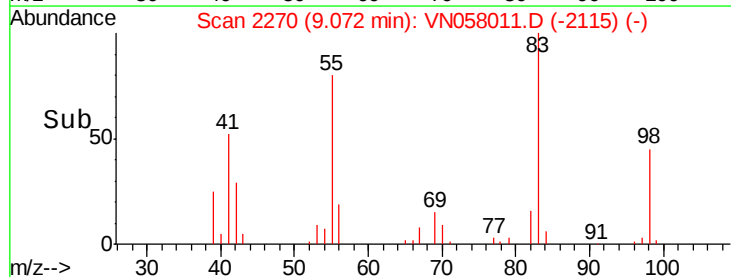
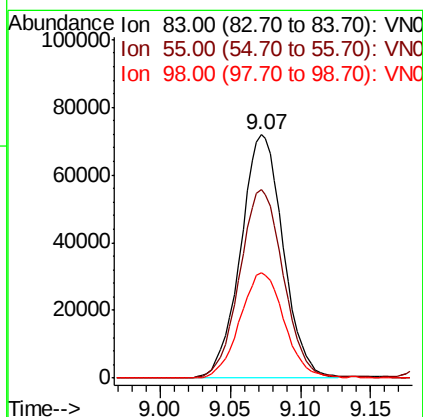
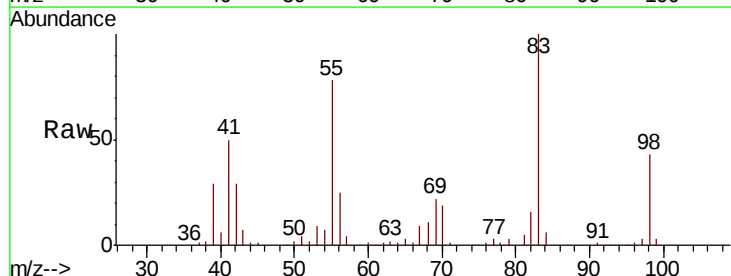
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

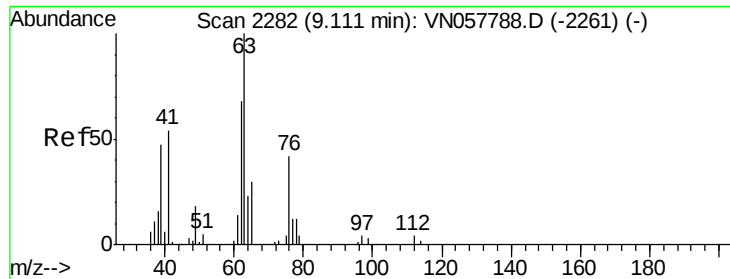
Tgt Ion: 130 Resp: 98021
 Ion Ratio Lower Upper
 130 100
 95 105.0 81.9 122.9



#38
 Methylcyclohexane
 Concen: 19.659 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 83 Resp: 151676
 Ion Ratio Lower Upper
 83 100
 55 79.6 39.6 118.7
 98 45.1 21.8 65.4

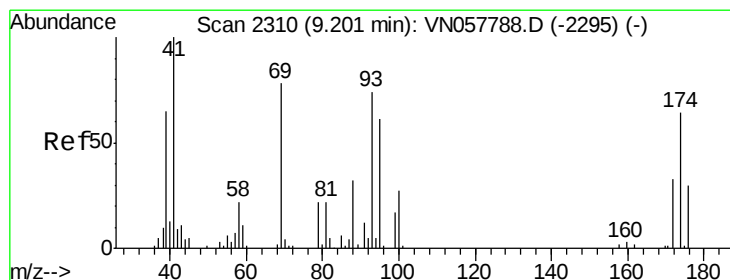
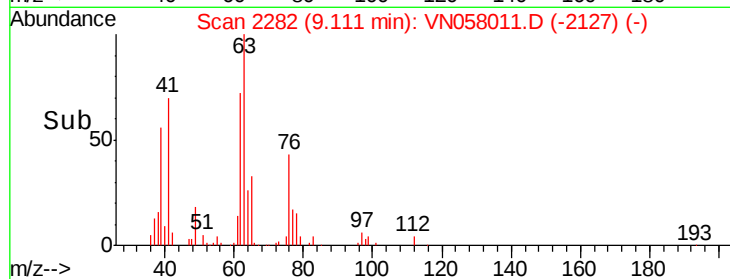
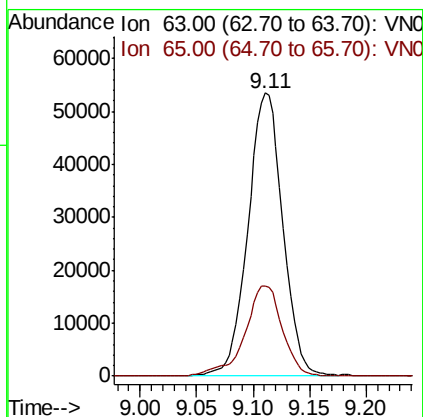
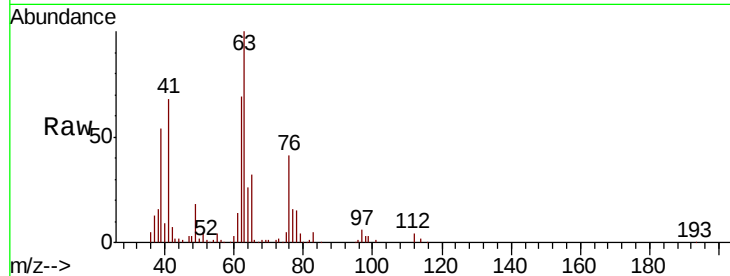




#39
 1,2-Dichloropropane
 Concen: 20.320 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

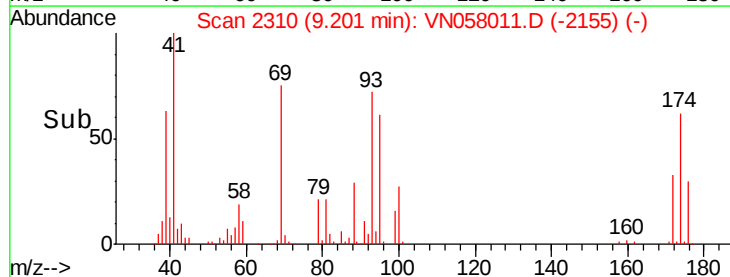
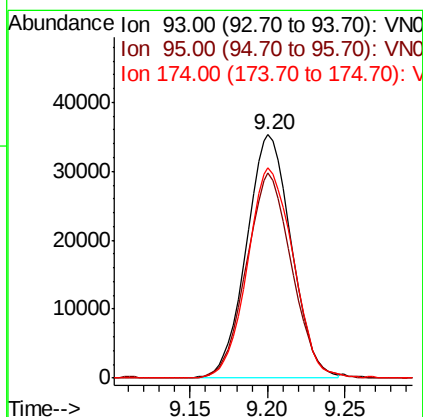
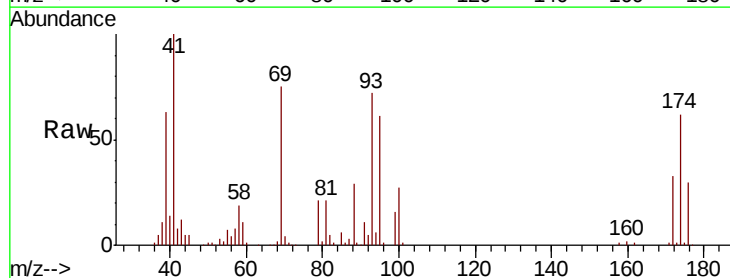
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

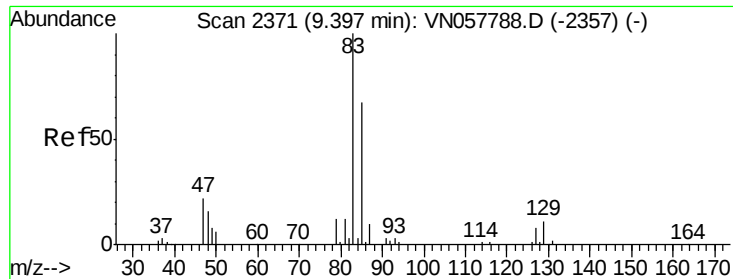
Tgt Ion: 63 Resp: 114571
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.6 35.4



#40
 Dibromomethane
 Concen: 20.766 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 93 Resp: 71214
 Ion Ratio Lower Upper
 93 100
 95 85.1 0.0 163.0
 174 87.8 0.0 171.4





#41

Bromodichloromethane

Concen: 19.703 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

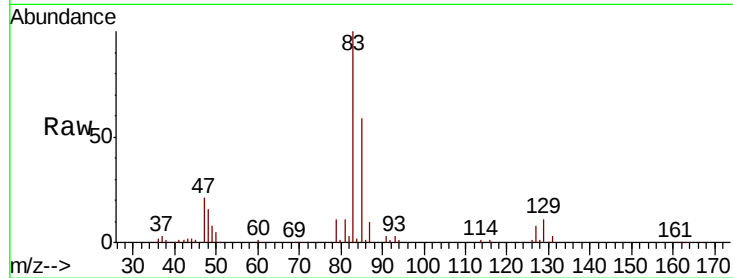
Tgt Ion: 83 Resp: 136218

Ion Ratio Lower Upper

83 100

85 58.8 53.4 80.0

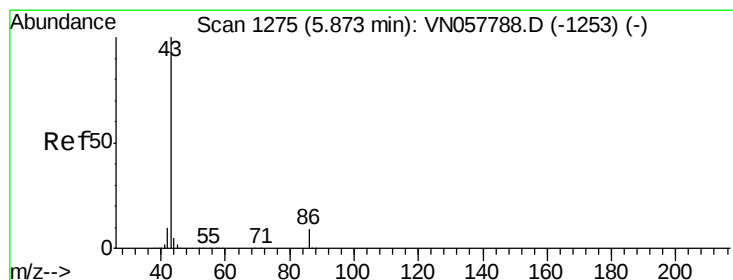
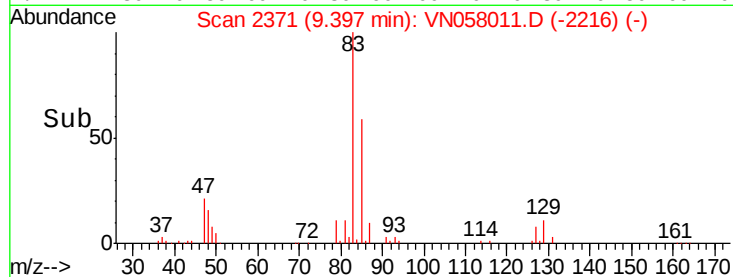
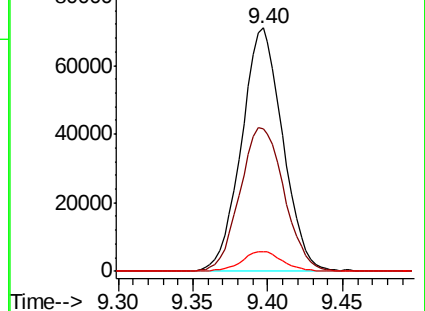
127 8.1 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 106.110 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN058011.D

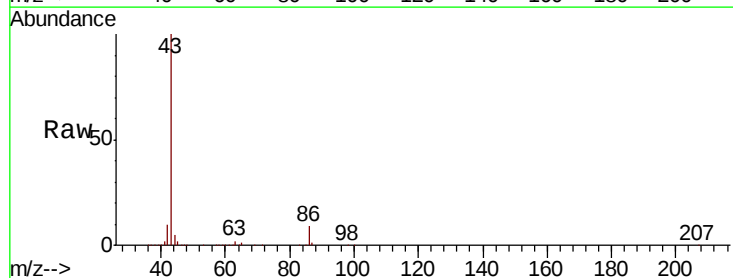
Acq: 13 Sep 2019 12:24

Tgt Ion: 43 Resp: 1302924

Ion Ratio Lower Upper

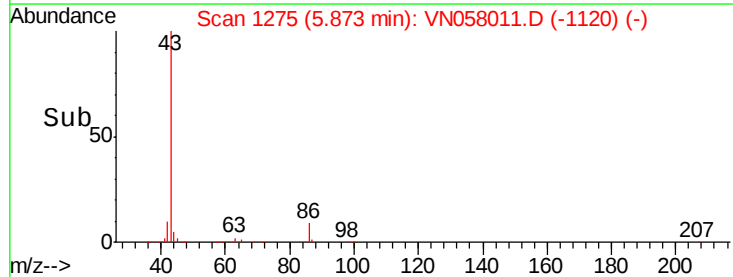
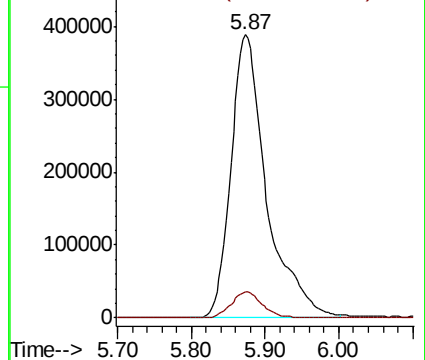
43 100

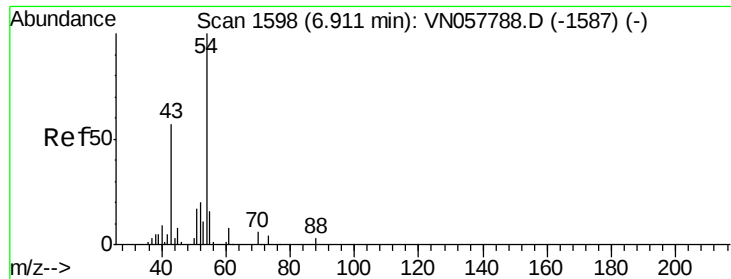
86 8.1 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

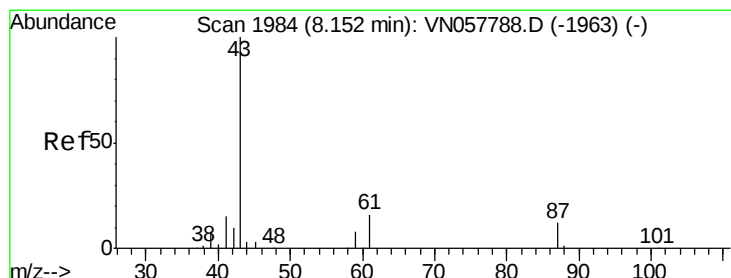
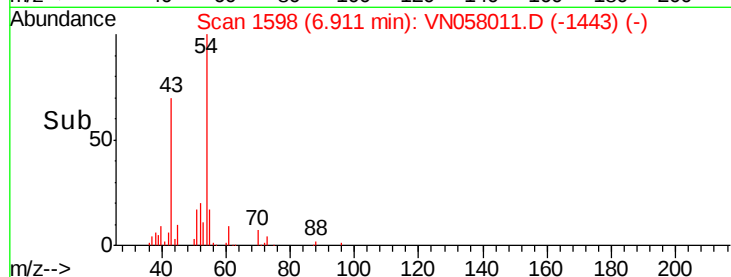
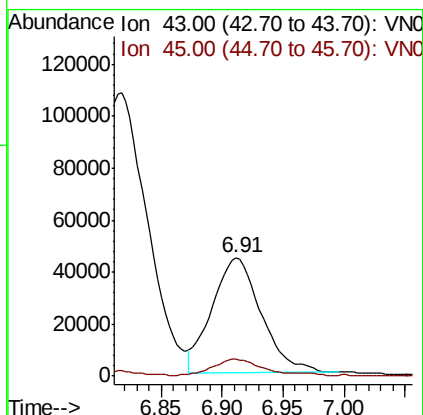
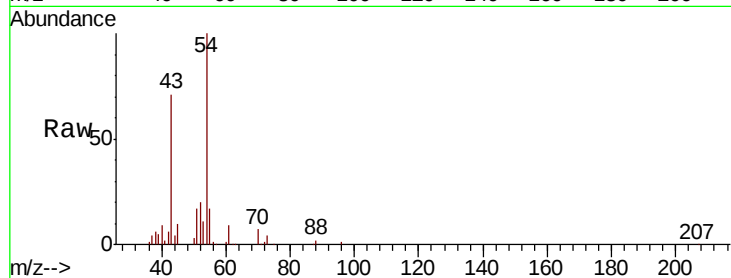




#43
Ethyl Acetate
Concen: 20.102 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

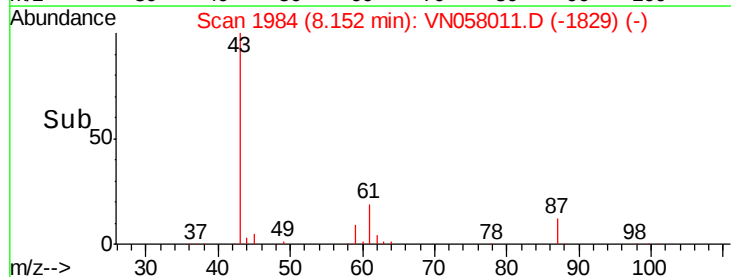
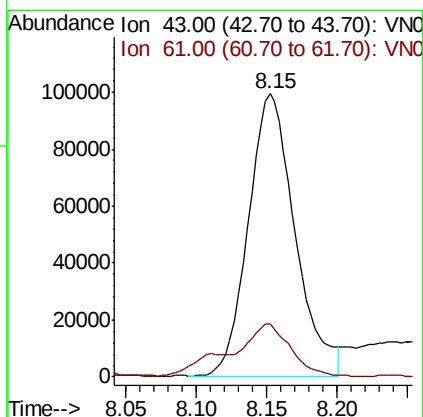
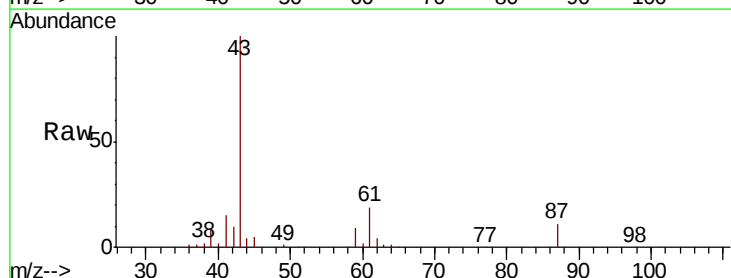
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

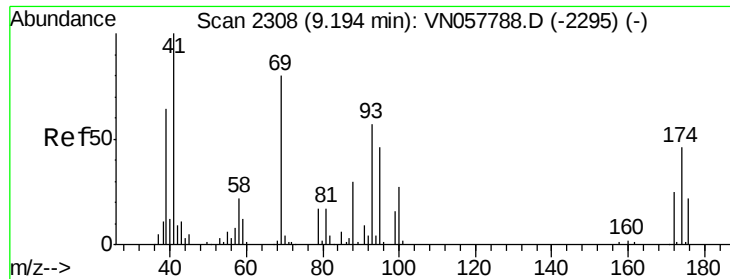
Tgt Ion: 43 Resp: 125304
Ion Ratio Lower Upper
43 100
45 14.0 5.4 8.0#



#44
Isopropyl Acetate
Concen: 21.059 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 43 Resp: 228869
Ion Ratio Lower Upper
43 100
61 17.0 0.1 0.1#

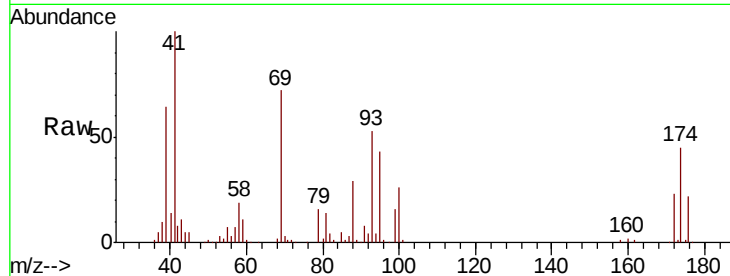




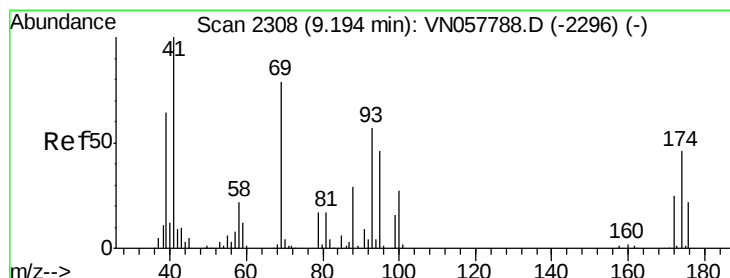
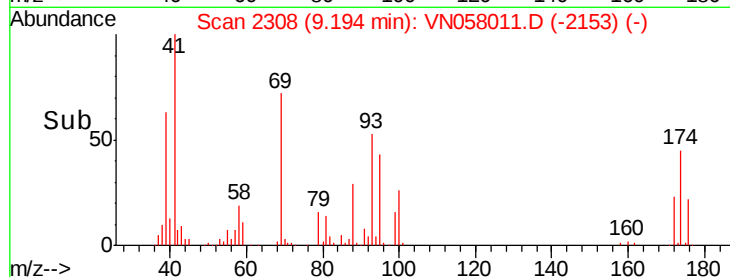
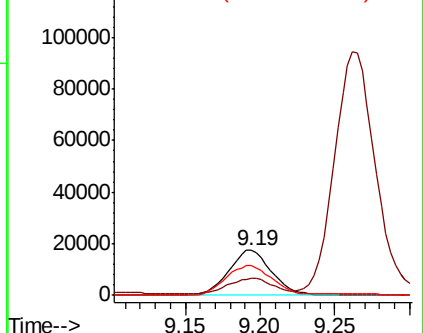
#45
 1,4-Dioxane
 Concen: 405.669 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Tgt Ion: 88 Resp: 34644
 Ion Ratio Lower Upper
 88 100
 43 33.9 28.2 42.4
 58 72.4 58.5 87.7

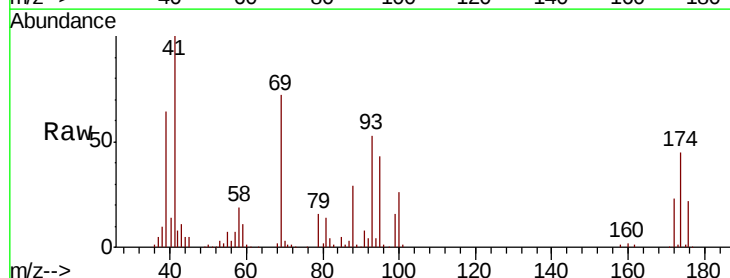


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

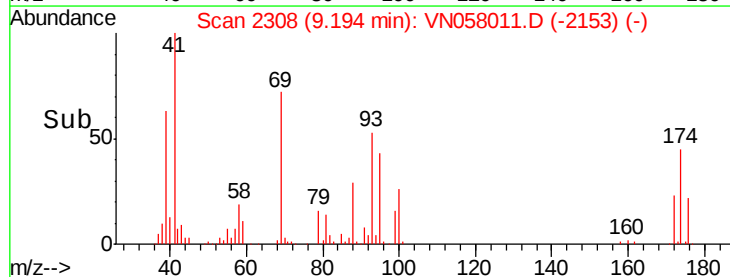
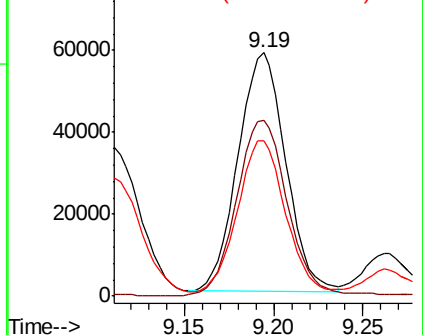


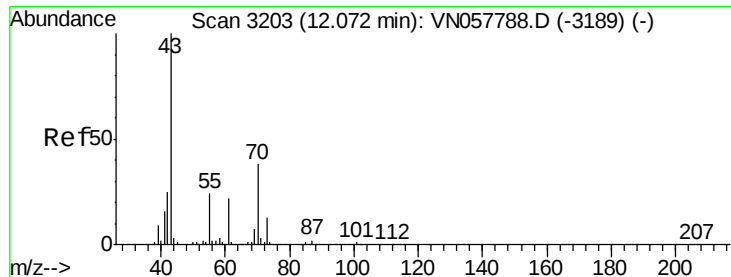
#46
 Methyl methacrylate
 Concen: 20.556 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 41 Resp: 109127
 Ion Ratio Lower Upper
 41 100
 69 73.3 39.6 119.0
 39 63.2 31.9 95.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

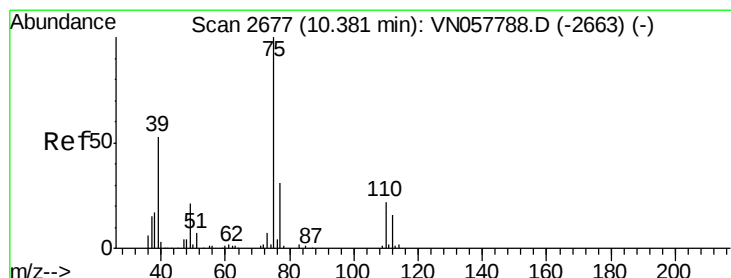
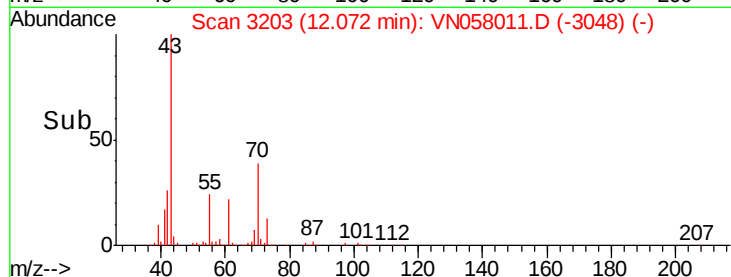
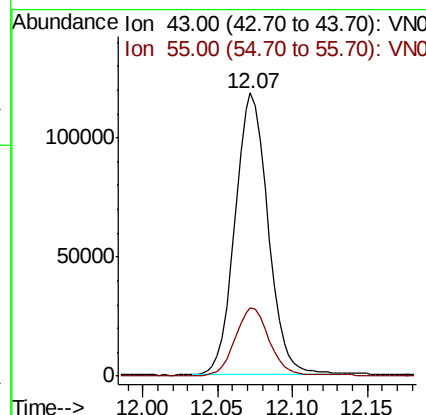
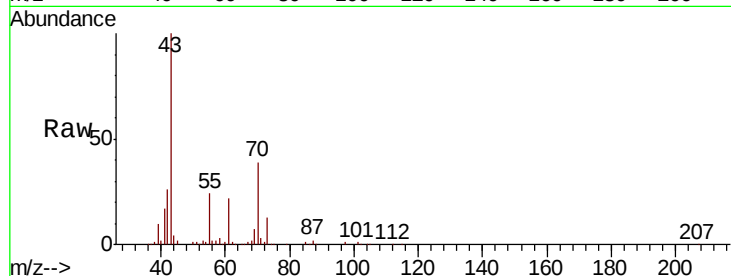




#47
n-amyl Acetate
Concen: 18.252 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

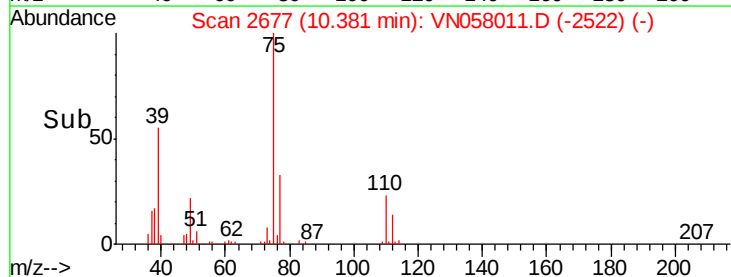
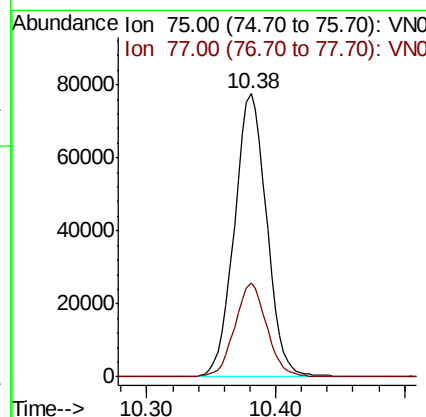
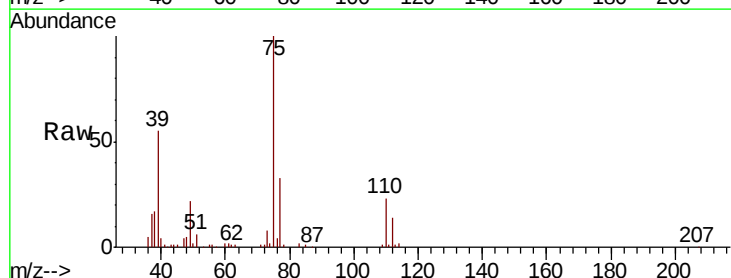
Instrument :
MSVOA_N
ClientSampled :
VN0914WBSD01

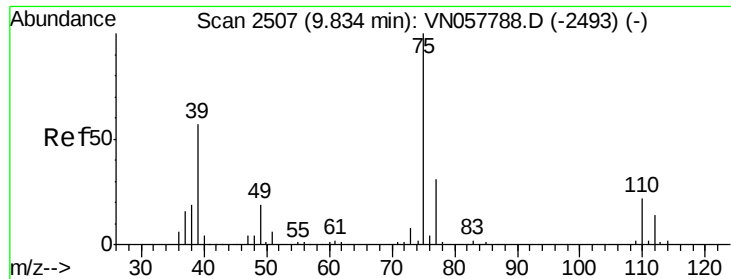
Tgt Ion: 43 Resp: 182217
Ion Ratio Lower Upper
43 100
55 25.4 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 18.345 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 75 Resp: 135028
Ion Ratio Lower Upper
75 100
77 33.0 24.9 37.3



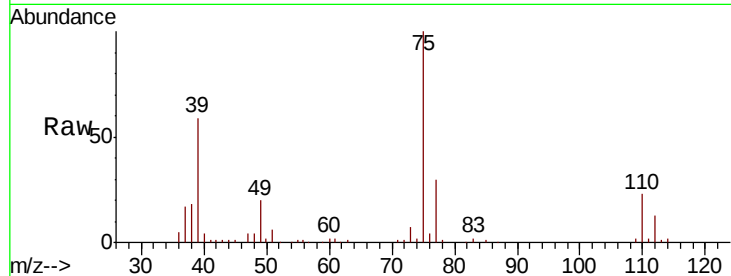


#49

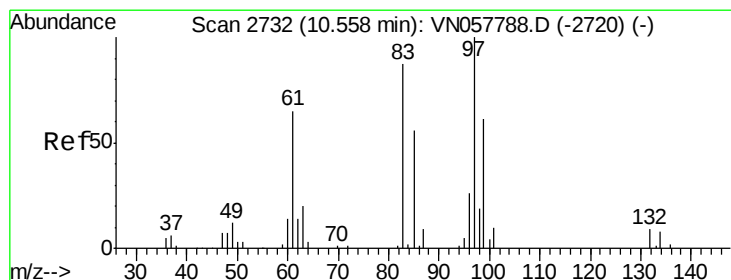
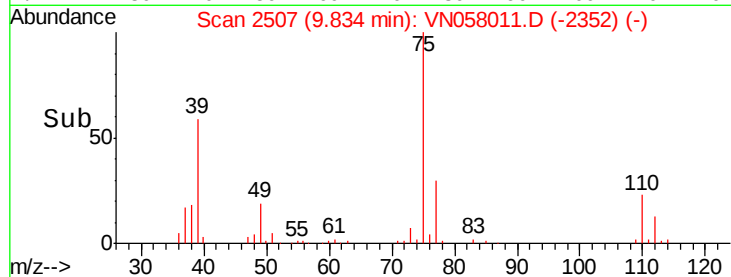
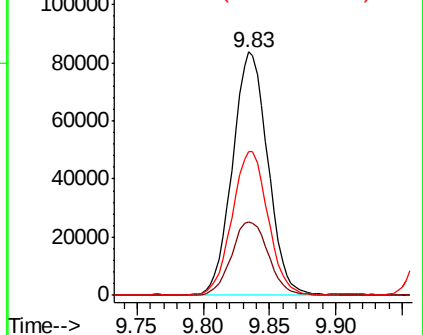
cis-1,3-Dichloropropene
 Concen: 18.746 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Tgt Ion: 75 Resp: 154810
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 58.7 45.8 68.8



Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

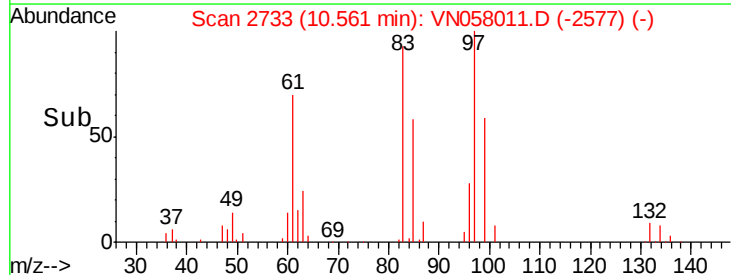
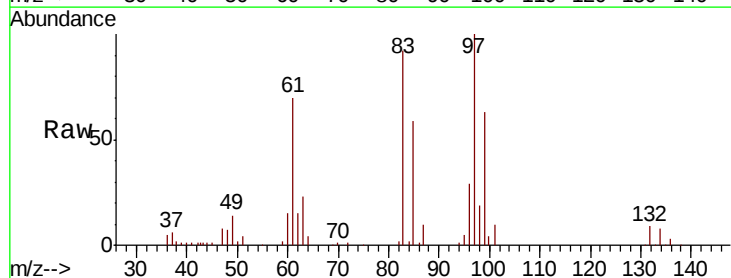
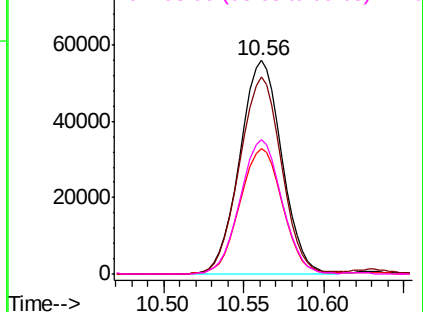


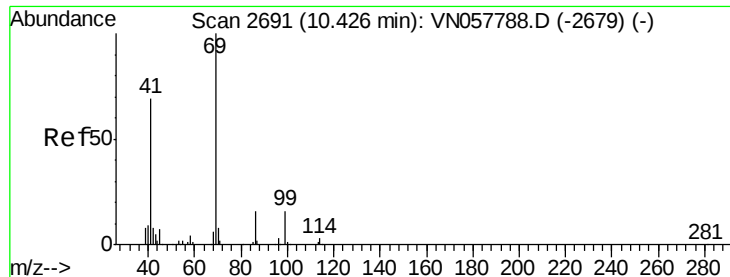
#50

1,1,2-Trichloroethane
 Concen: 20.182 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 97 Resp: 100389
 Ion Ratio Lower Upper
 97 100
 83 92.3 69.4 104.2
 85 58.8 45.0 67.6
 99 63.1 48.8 73.2

Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 19.128 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

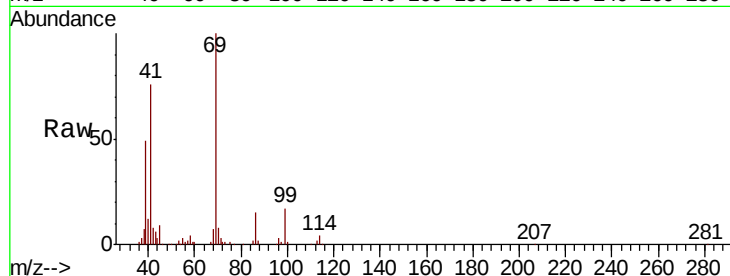
Tgt Ion: 69 Resp: 147528

Ion Ratio Lower Upper

69 100

41 75.6 34.5 103.5

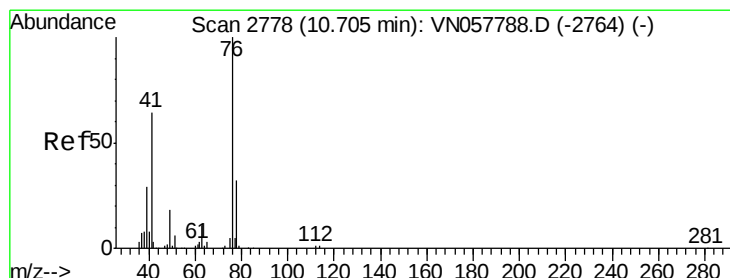
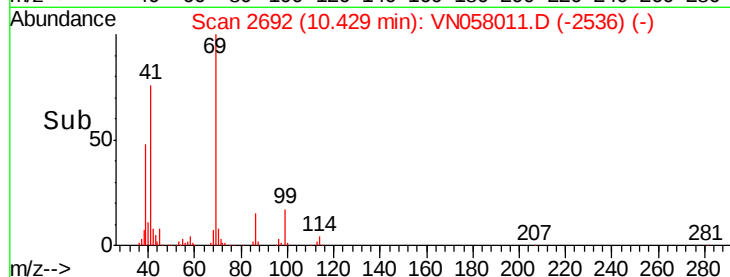
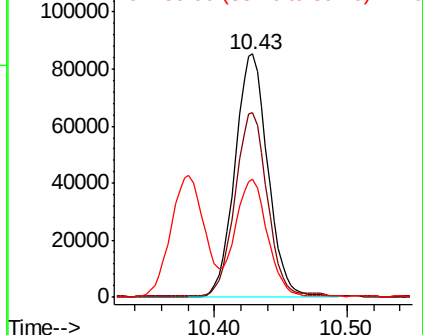
39 47.8 22.4 67.3



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: 20.738 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058011.D

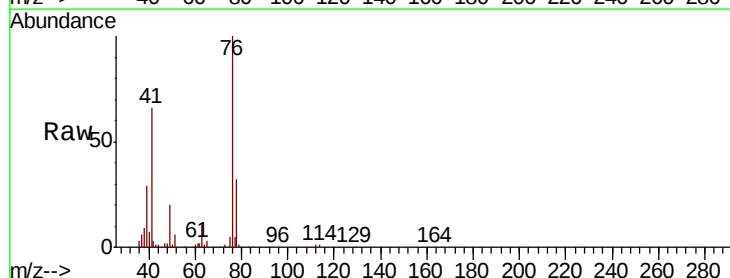
Acq: 13 Sep 2019 12:24

Tgt Ion: 76 Resp: 180400

Ion Ratio Lower Upper

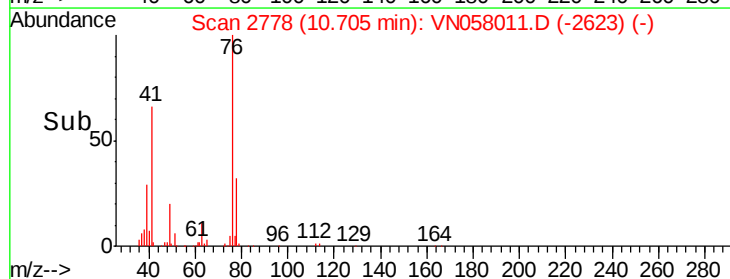
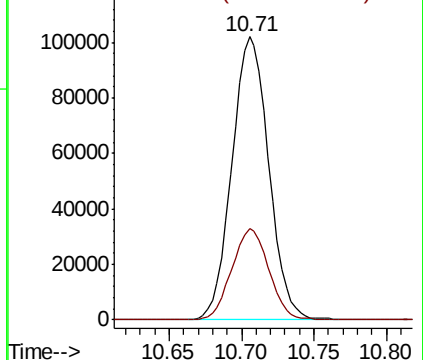
76 100

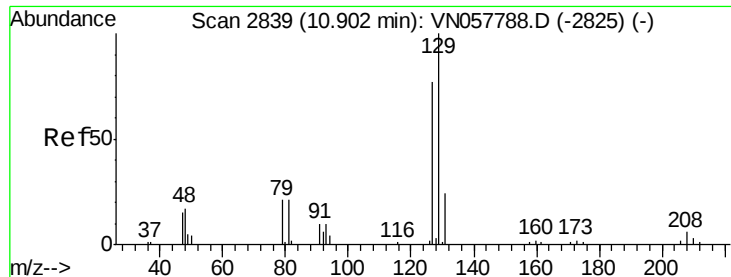
78 32.4 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

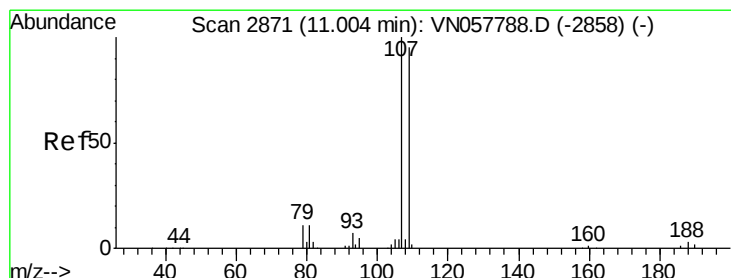
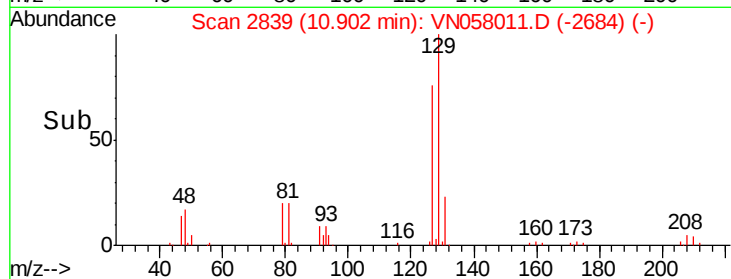
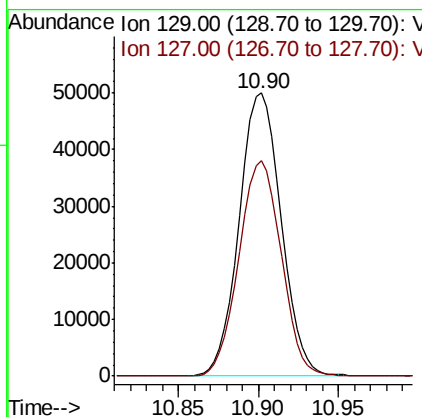
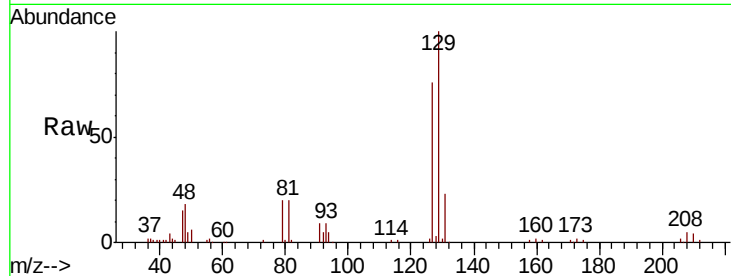




#53
 Dibromochloromethane
 Concen: 18.251 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

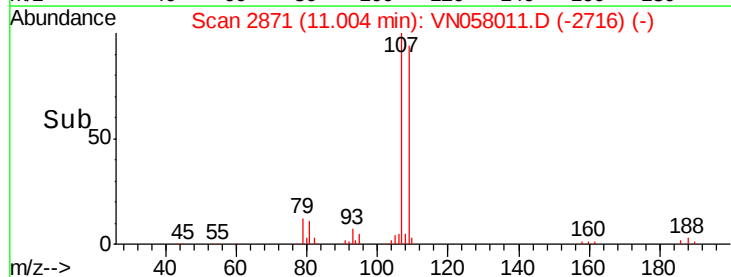
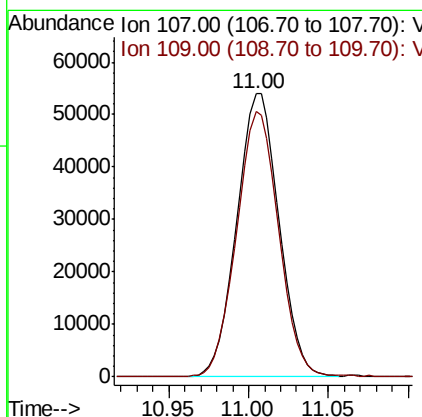
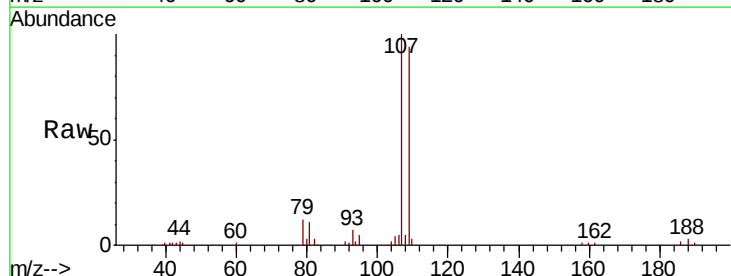
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

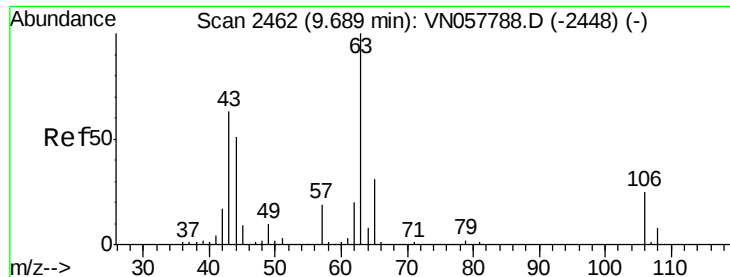
Tgt Ion:129 Resp: 89659
 Ion Ratio Lower Upper
 129 100
 127 76.7 38.8 116.3



#54
 1,2-Dibromoethane
 Concen: 19.605 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion:107 Resp: 97026
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.4 113.0

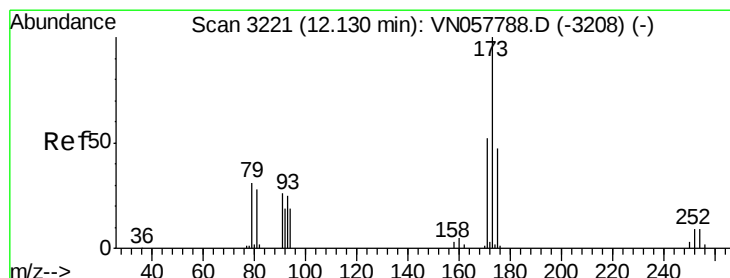
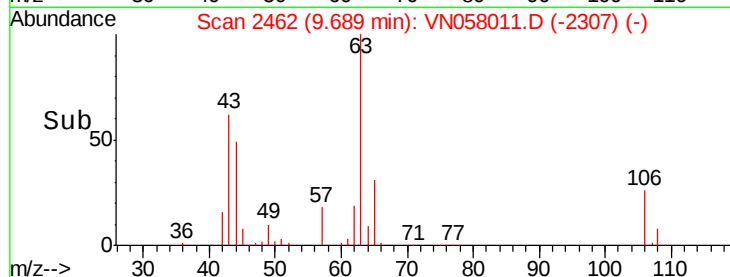
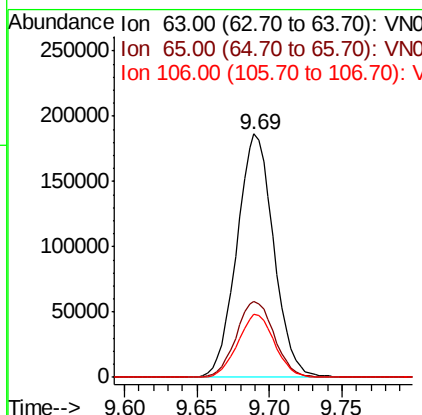
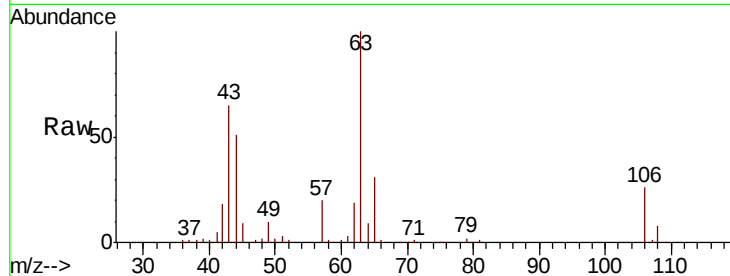




#55
 2-Chloroethyl vinyl ether
 Concen: 90.011 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

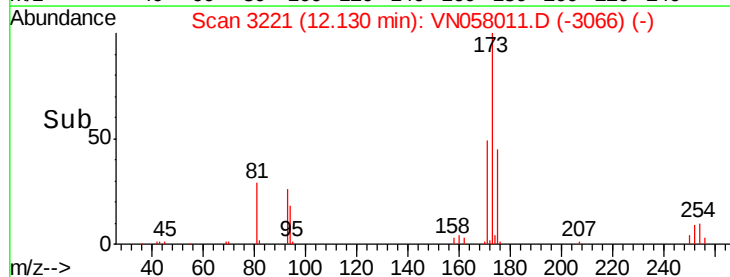
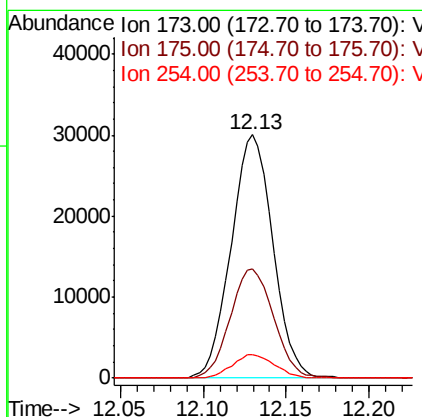
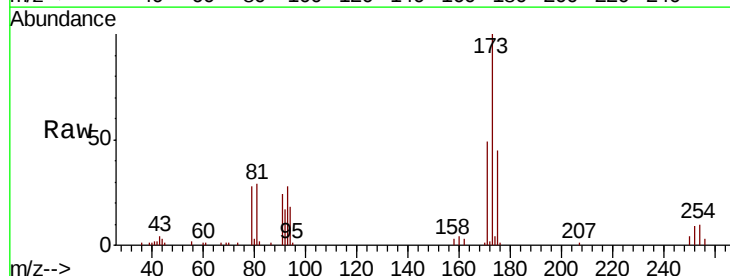
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

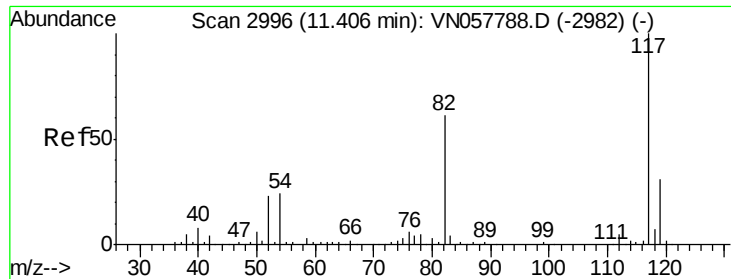
Tgt Ion: 63 Resp: 329882
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.0 37.6
 106 25.8 19.8 29.8



#56
 Bromoform
 Concen: 17.291 ug/l
 RT: 12.13 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 173 Resp: 52622
 Ion Ratio Lower Upper
 173 100
 175 46.6 38.4 57.6
 254 9.8 6.9 10.3

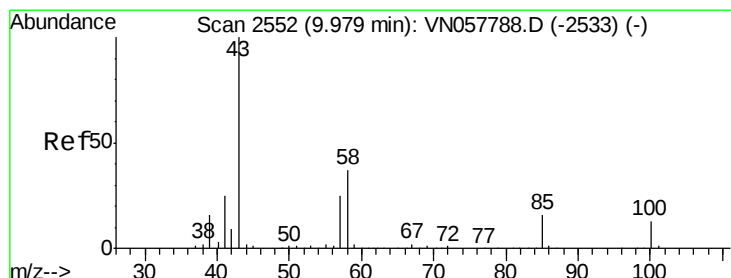
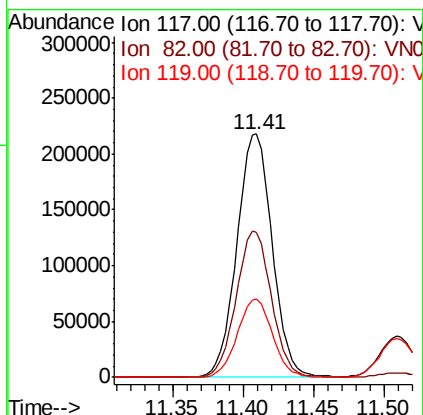
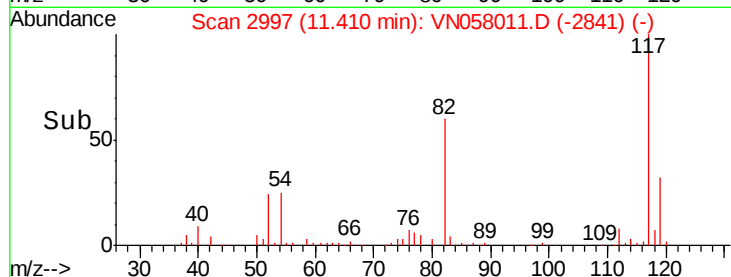
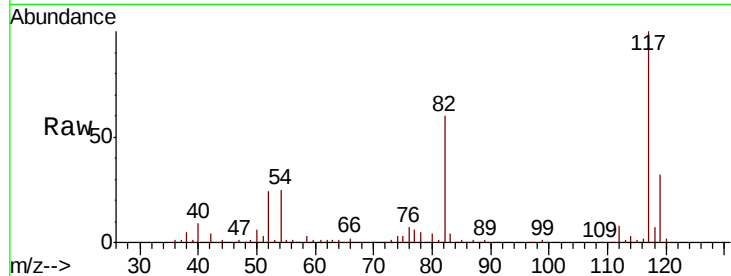




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

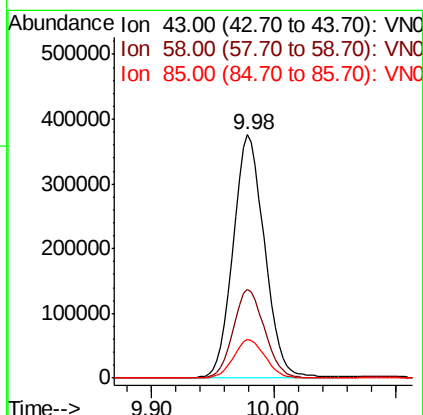
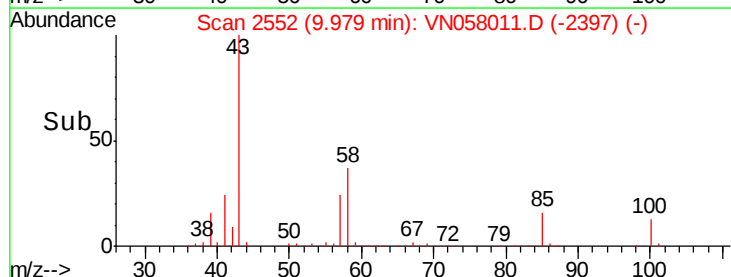
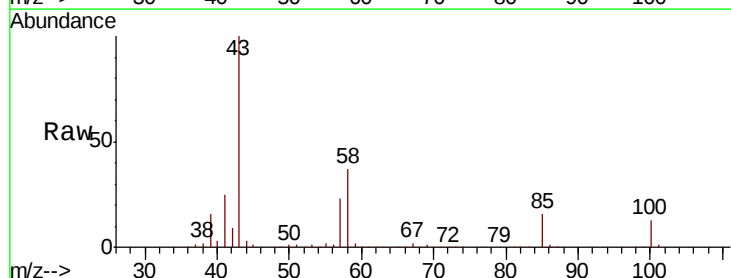
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

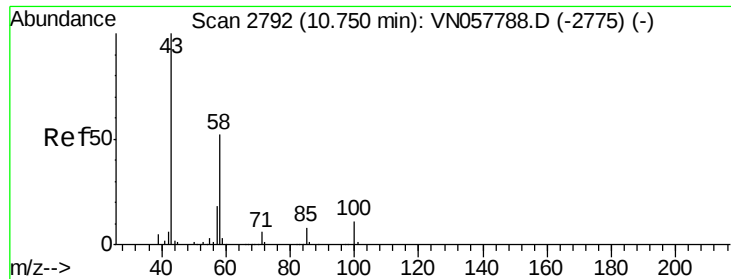
Tgt Ion: 117 Resp: 383202
Ion Ratio Lower Upper
117 100
82 60.1 47.6 71.4
119 32.2 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 112.718 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 43 Resp: 669839
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.0
85 16.1 12.9 19.3

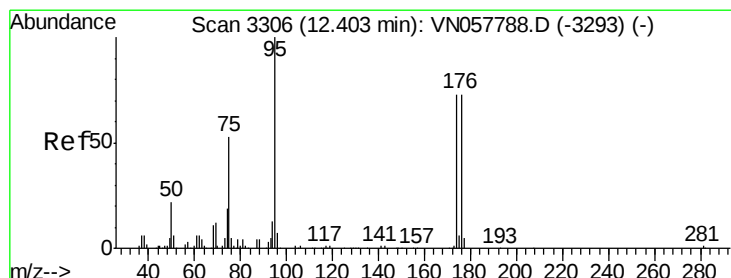
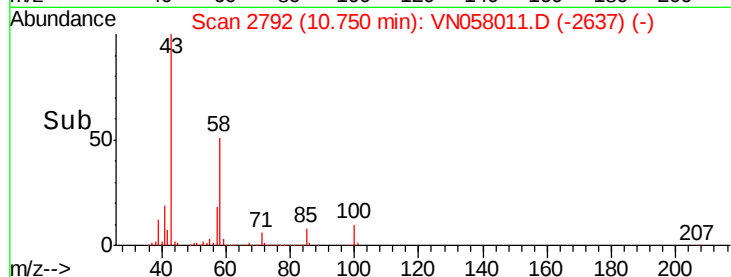
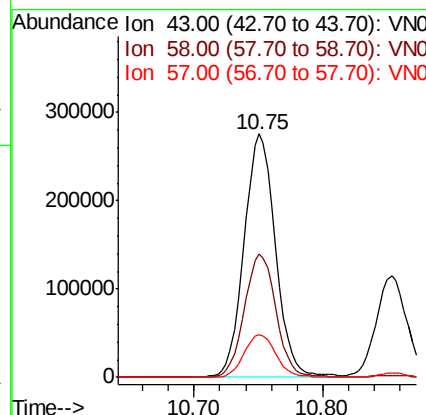
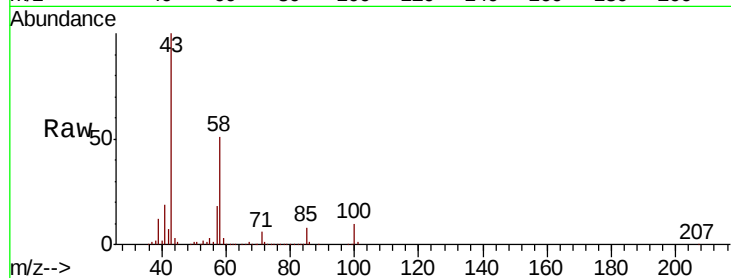




#59
2-Hexanone
Concen: 104.160 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

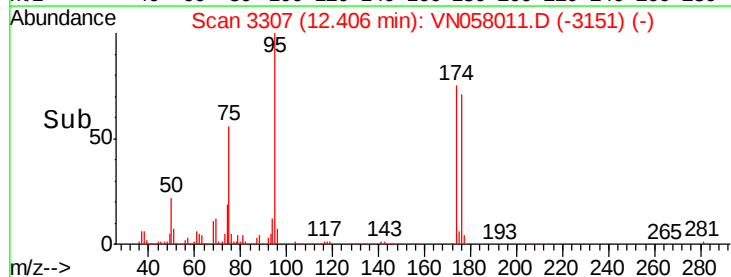
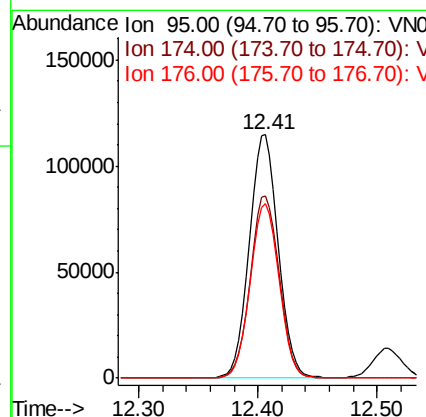
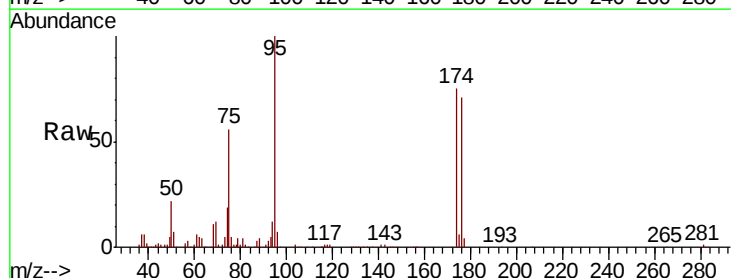
Instrument :
MSVOA_N
ClientSampled :
VN0914WBSD01

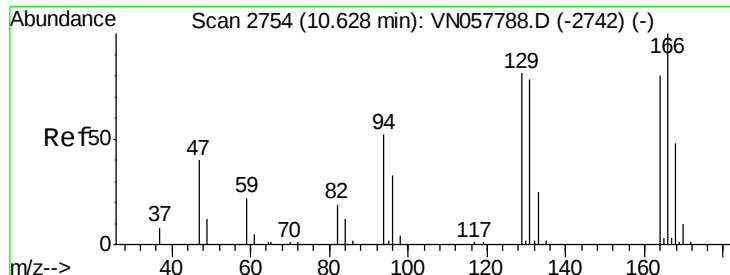
Tgt Ion: 43 Resp: 464499
Ion Ratio Lower Upper
43 100
58 51.4 40.6 61.0
57 18.0 14.5 21.7



#60
4-Bromofluorobenzene
Concen: 29.563 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 95 Resp: 193855
Ion Ratio Lower Upper
95 100
174 74.7 59.4 89.0
176 71.5 57.4 86.0





#61

Tetrachloroethene

Concen: 20.754 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

Tgt Ion:164 Resp: 80859

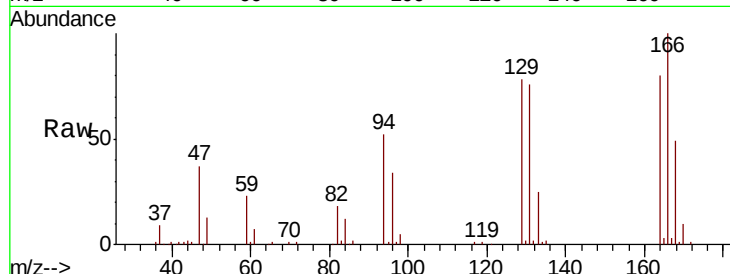
Ion Ratio Lower Upper

164 100

166 125.3 99.6 149.4

129 97.2 80.9 121.3

131 95.4 77.2 115.8

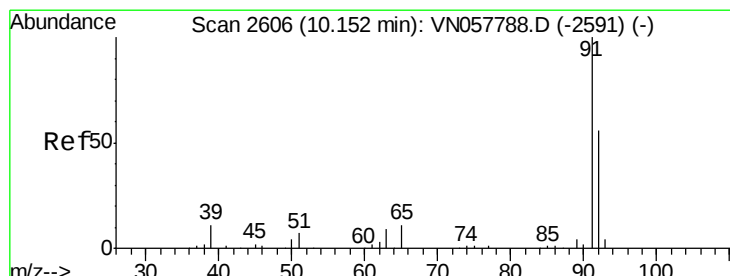
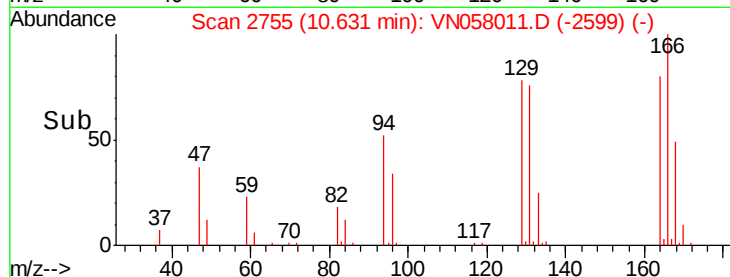
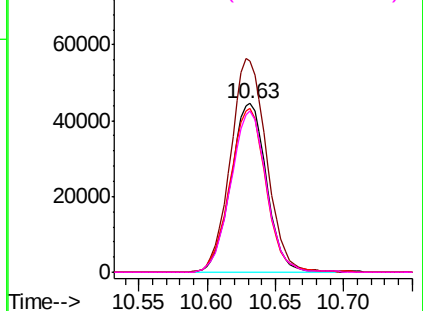


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.845 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN058011.D

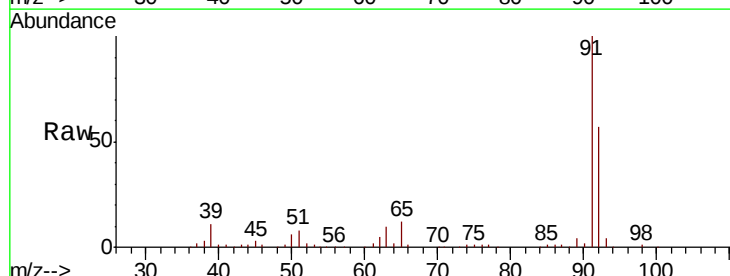
Acq: 13 Sep 2019 12:24

Tgt Ion: 91 Resp: 442298

Ion Ratio Lower Upper

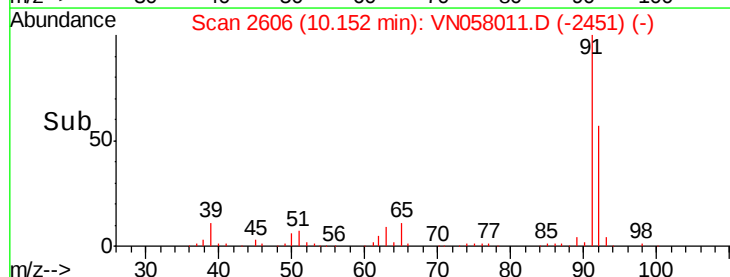
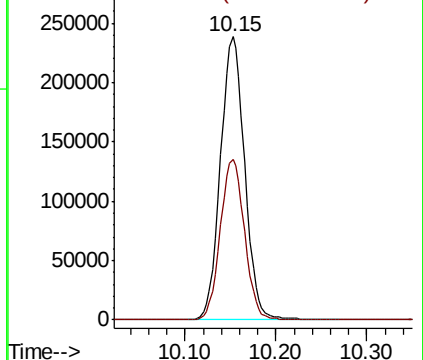
91 100

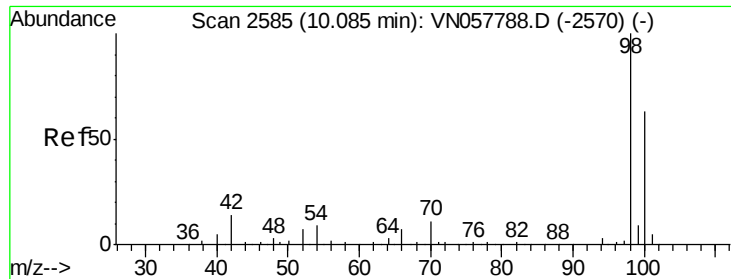
92 56.5 44.9 67.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

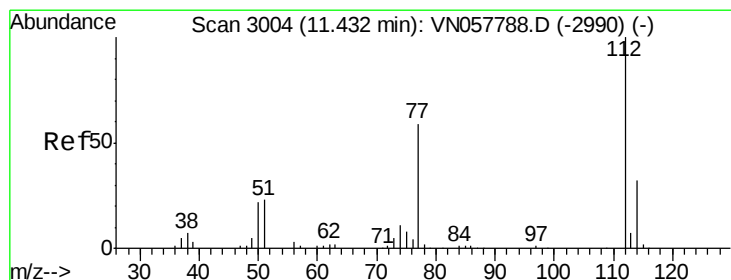
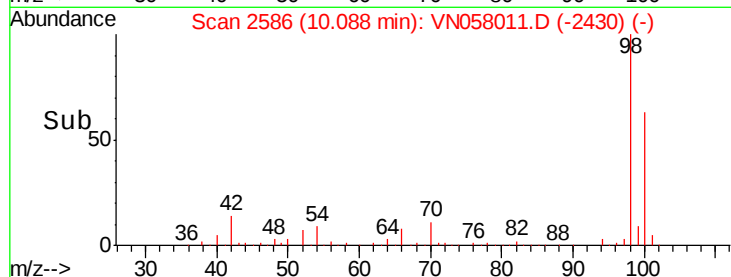
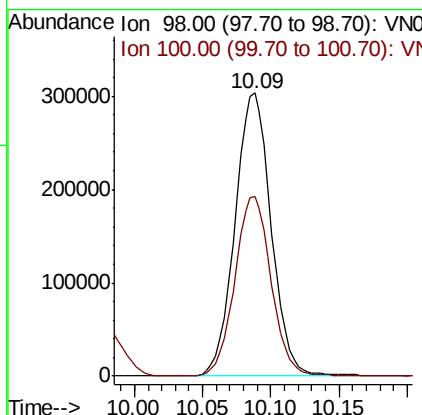
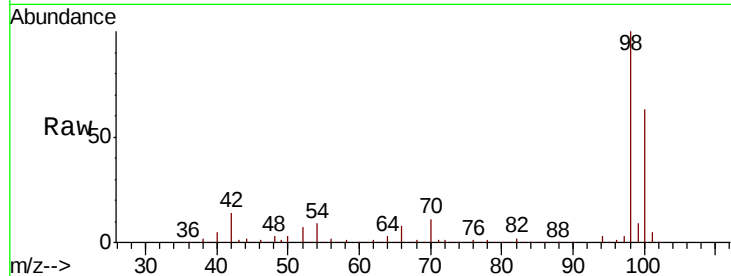




#63
Toluene-d8
Concen: 30.300 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

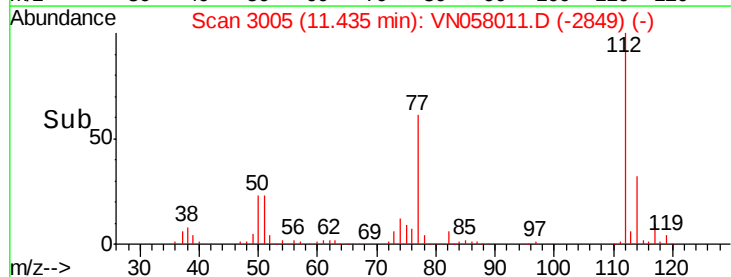
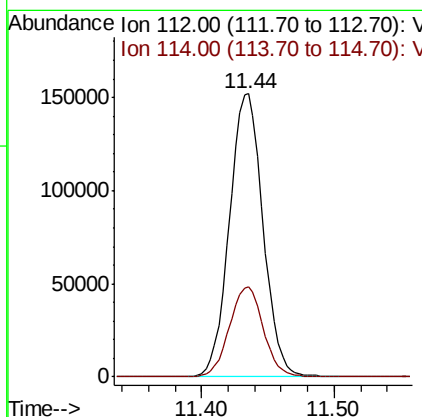
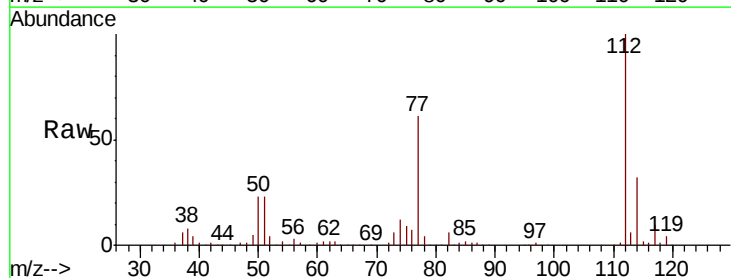
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

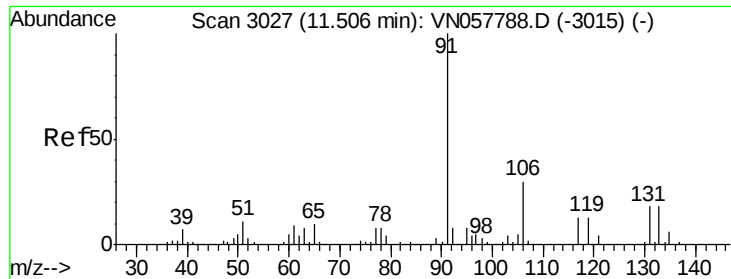
Tgt Ion: 98 Resp: 557302
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#64
Chlorobenzene
Concen: 20.325 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 112 Resp: 267527
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

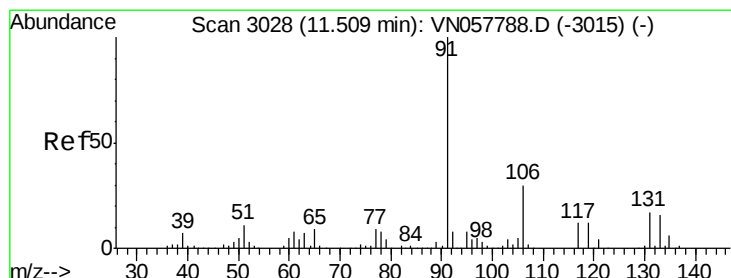
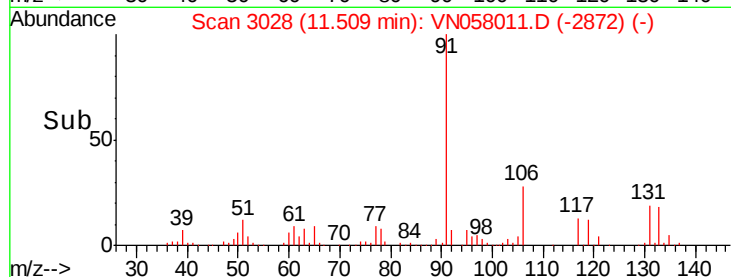
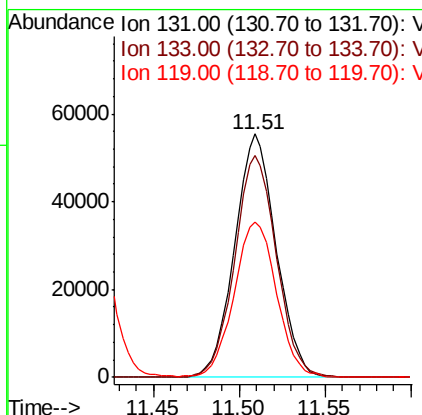
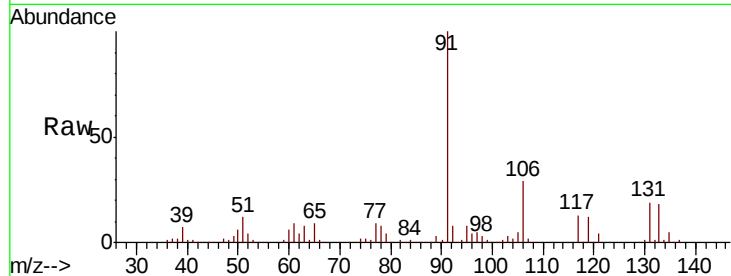




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.299 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

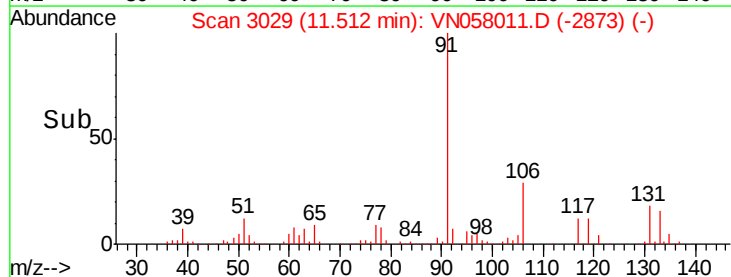
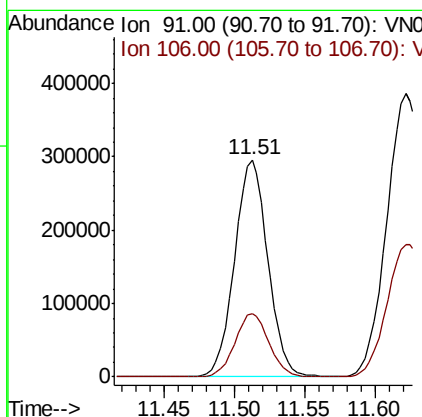
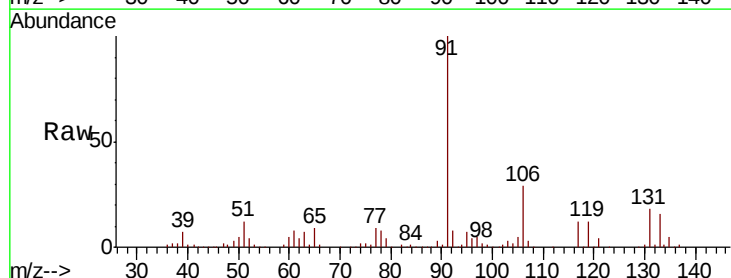
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBSD01

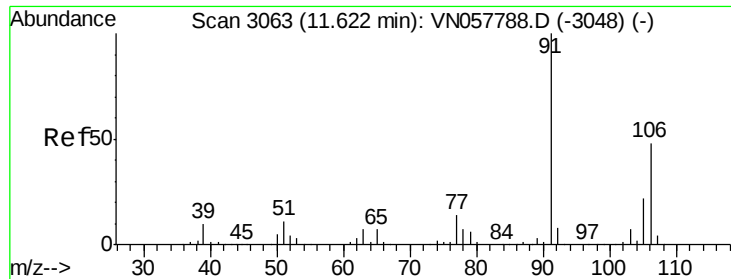
Tgt Ion: 131 Resp: 92770
 Ion Ratio Lower Upper
 131 100
 133 92.0 0.0 189.2
 119 64.5 0.0 136.4



#66
 Ethyl Benzene
 Concen: 21.146 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 91 Resp: 489685
 Ion Ratio Lower Upper
 91 100
 106 29.3 24.0 36.0

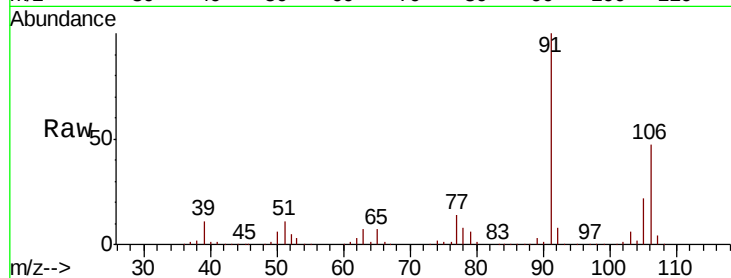




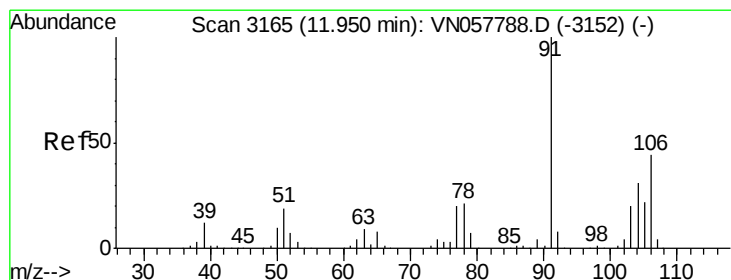
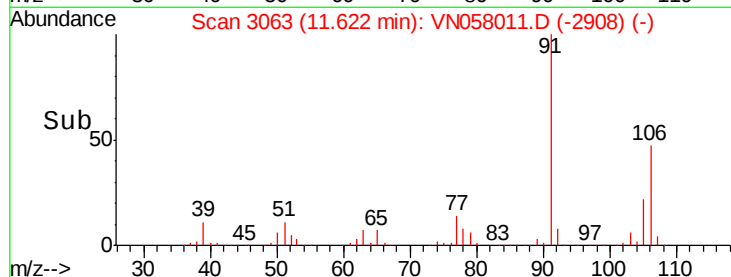
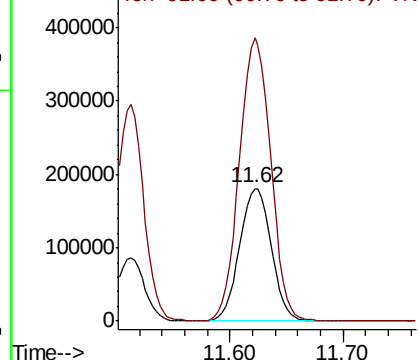
#67
m/p-Xylenes
Concen: 39.929 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0914WBSD01

Tgt Ion:106 Resp: 352919
Ion Ratio Lower Upper
106 100
91 211.4 166.1 249.1

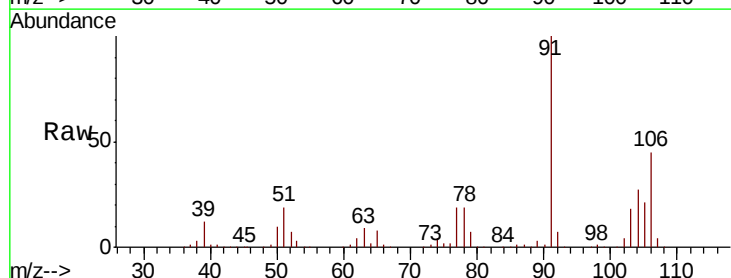


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

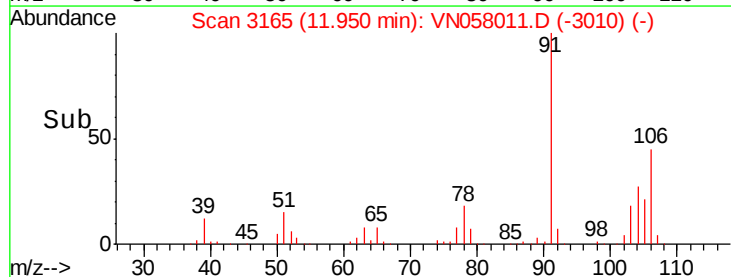
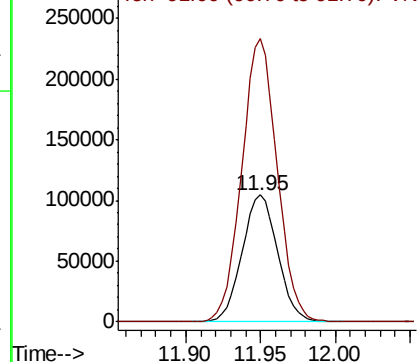


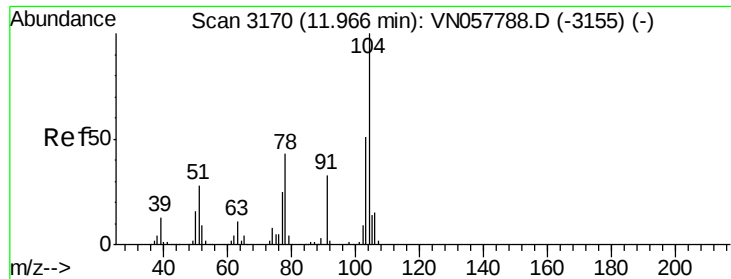
#68
o-Xylene
Concen: 19.964 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion:106 Resp: 172871
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

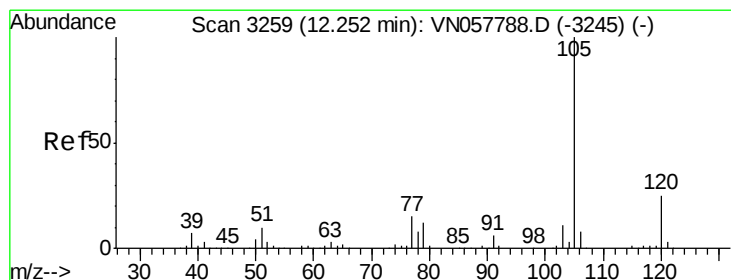
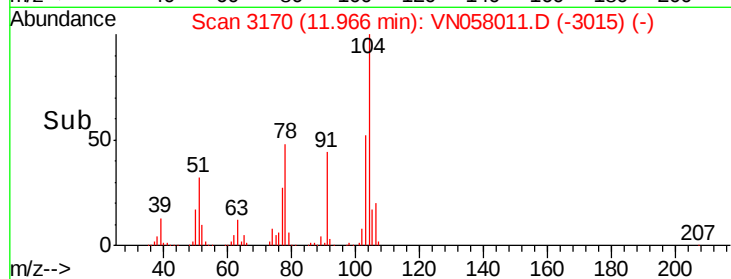
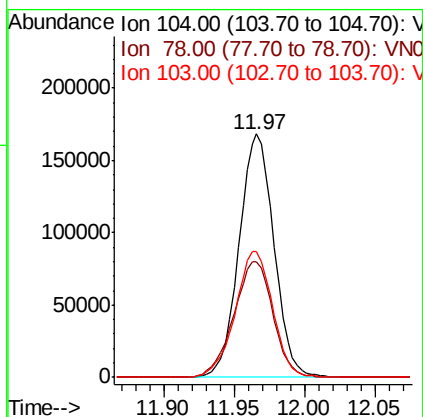
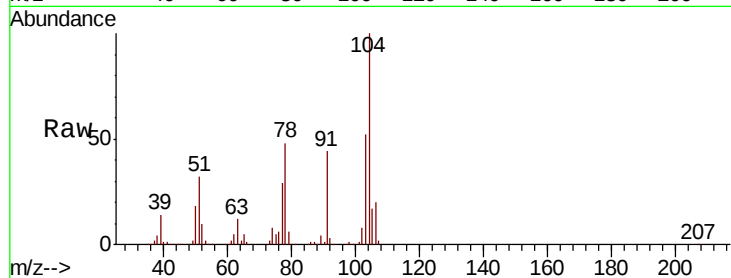




#69
Styrene
Concen: 19.757 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

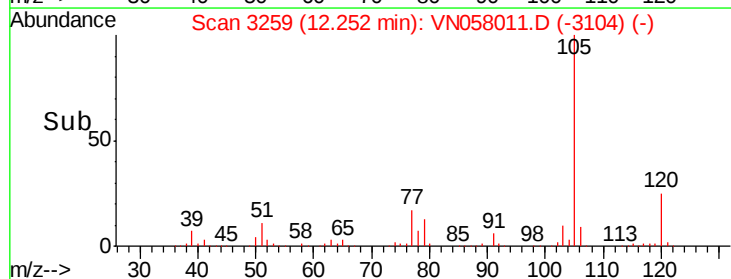
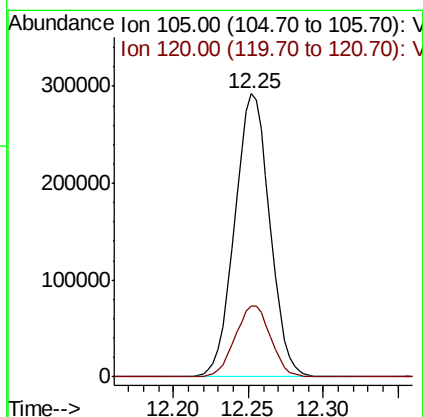
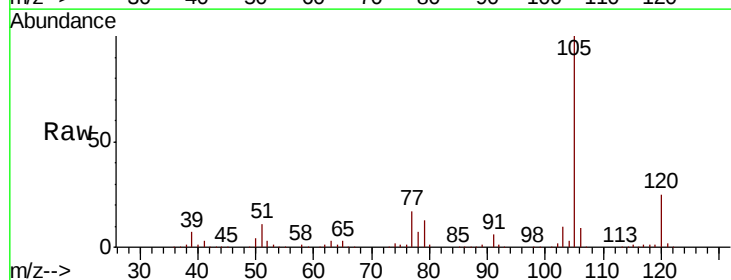
Instrument :
MSVOA_N
ClientSampled :
VN0914WBSD01

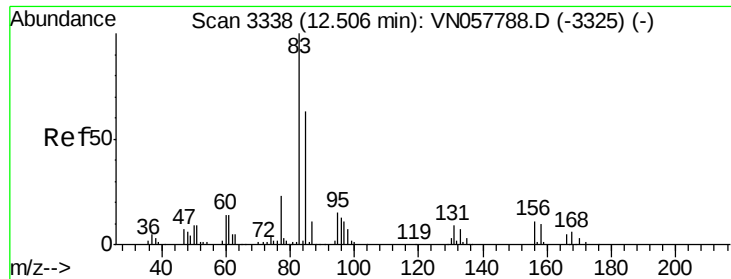
Tgt Ion:104 Resp: 291687
Ion Ratio Lower Upper
104 100
78 53.5 41.5 62.3
103 55.5 44.8 67.2



#70
Isopropylbenzene
Concen: 20.808 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion:105 Resp: 476327
Ion Ratio Lower Upper
105 100
120 25.5 17.6 32.6

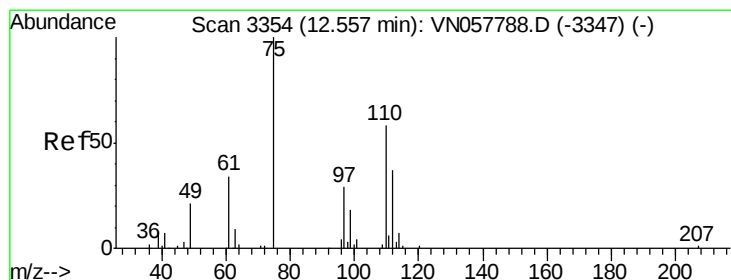
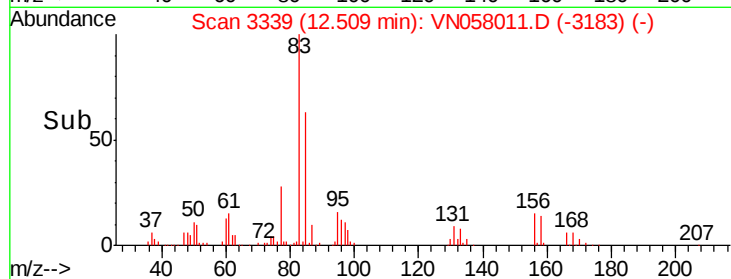
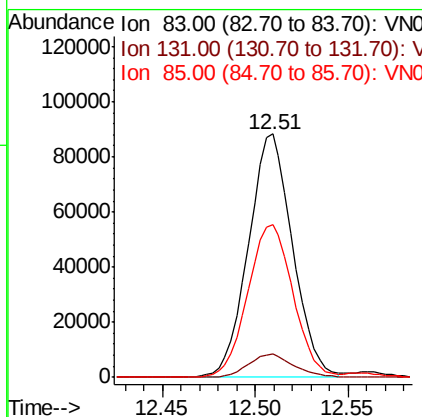
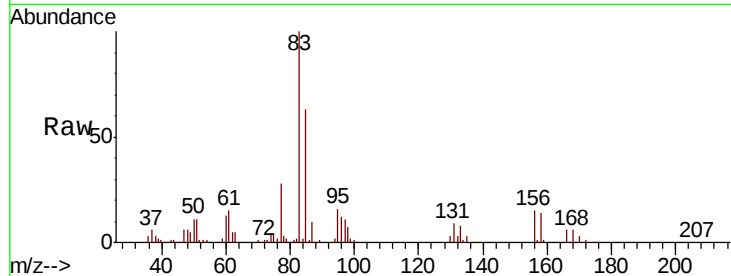




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.374 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

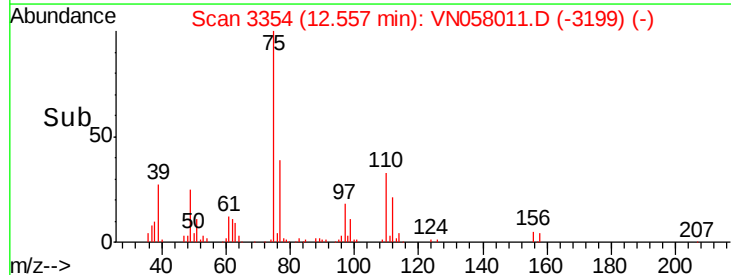
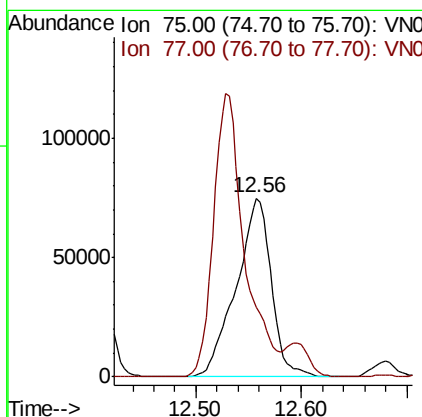
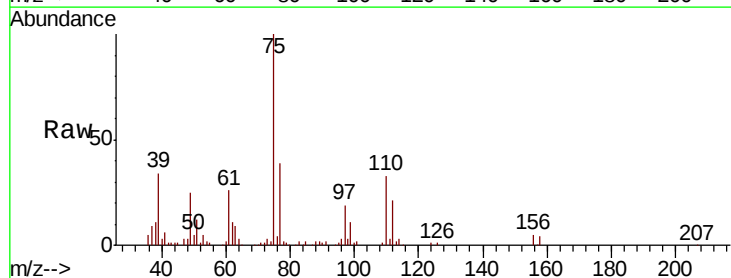
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

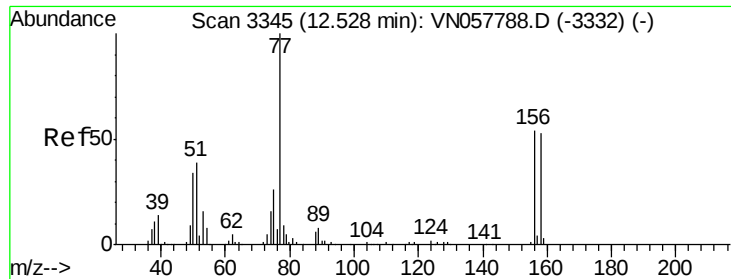
Tgt Ion: 83 Resp: 145763
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 64.3 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 27.384 ug/l
 RT: 12.56 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 75 Resp: 173891
 Ion Ratio Lower Upper
 75 100
 77 139.3 0.0 351.6





#73

Bromobenzene

Concen: 20.091 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

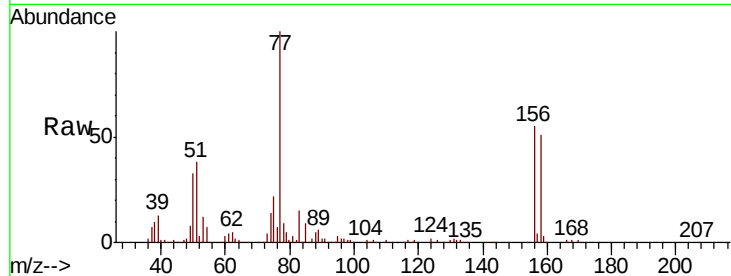
Tgt Ion:156 Resp: 110111

Ion Ratio Lower Upper

156 100

77 220.0 0.0 446.6

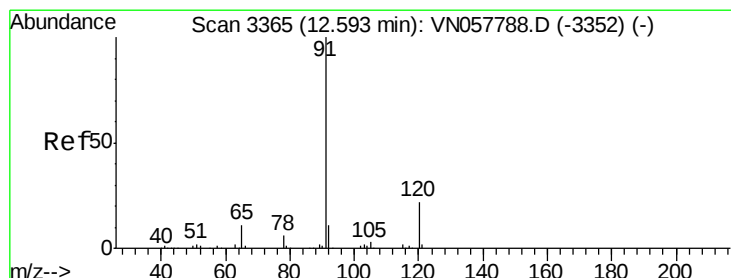
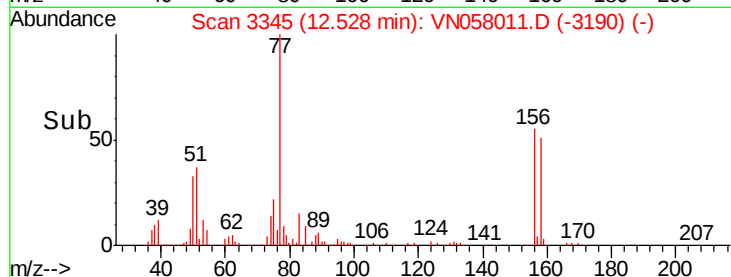
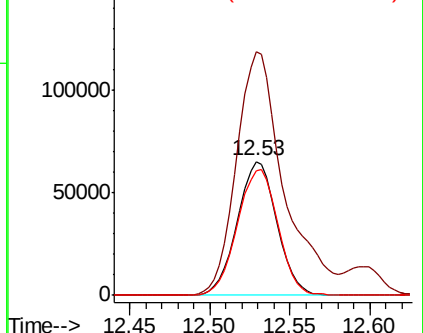
158 96.4 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.306 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058011.D

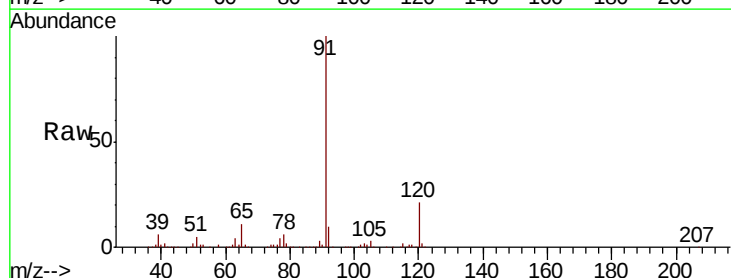
Acq: 13 Sep 2019 12:24

Tgt Ion: 91 Resp: 557235

Ion Ratio Lower Upper

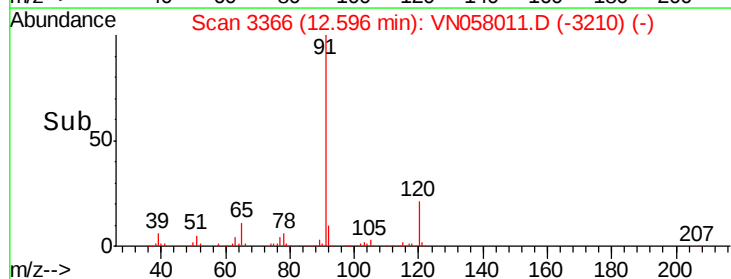
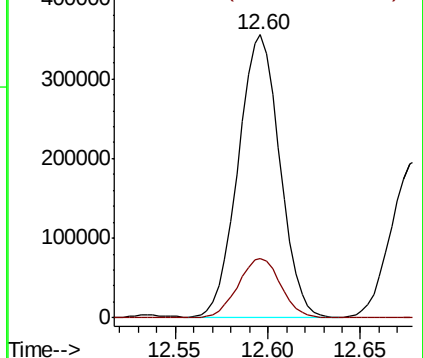
91 100

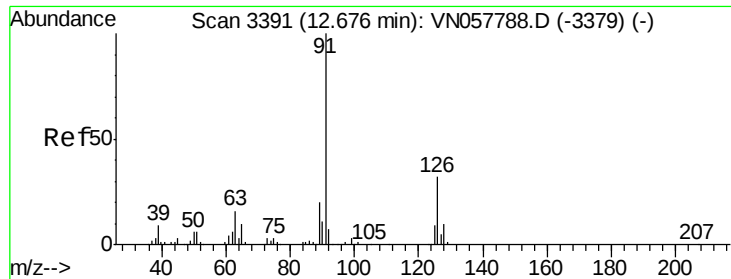
120 21.5 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.188 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

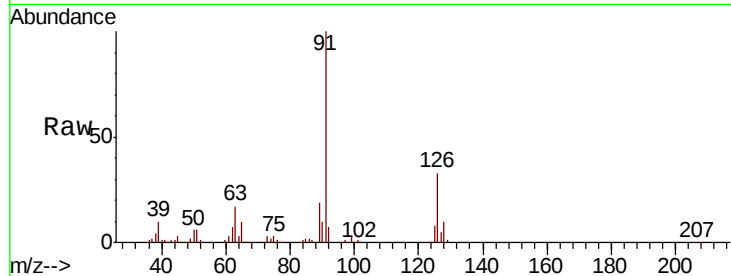
VN0914WBSD01

Tgt Ion: 91 Resp: 328868

Ion Ratio Lower Upper

91 100

126 32.5 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VN057788.D (-3379) (-)

Ion 126.00 (125.70 to 126.70): VN057788.D (-3379) (-)

300000

200000

100000

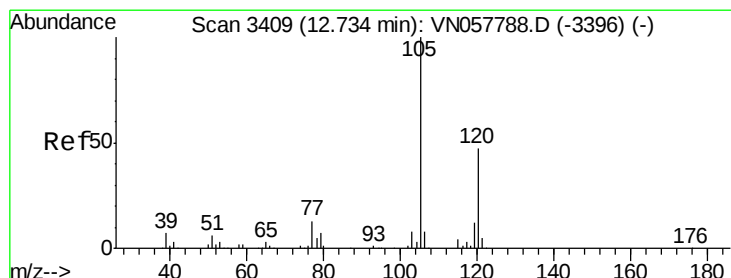
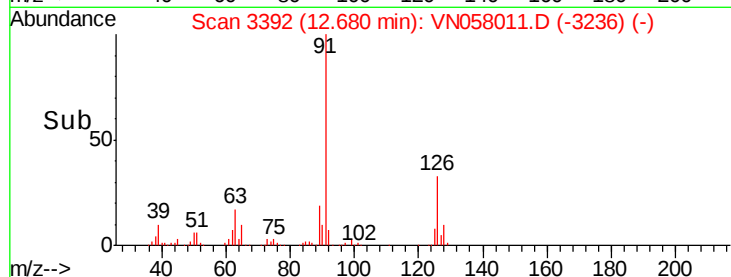
0

12.65

12.68

12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.817 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058011.D

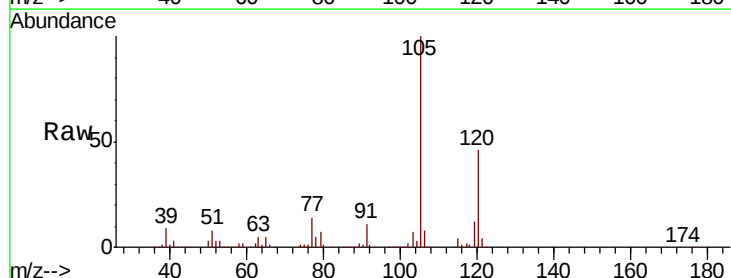
Acq: 13 Sep 2019 12:24

Tgt Ion: 105 Resp: 405798

Ion Ratio Lower Upper

105 100

120 46.8 0.0 94.4



Abundance Ion 105.00 (104.70 to 105.70): VN057788.D (-3396) (-)

Ion 120.00 (119.70 to 120.70): VN057788.D (-3396) (-)

300000

250000

200000

150000

100000

50000

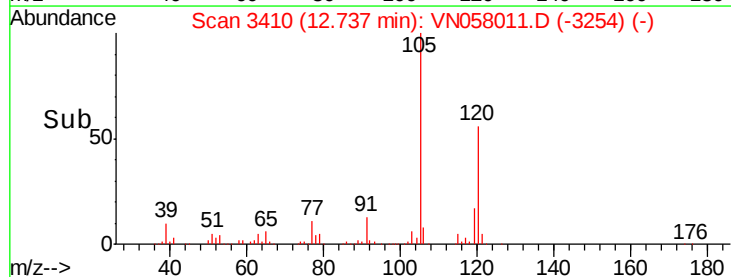
0

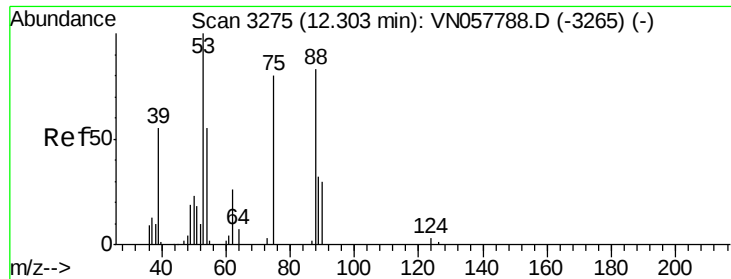
12.70

12.74

12.80

Time-->



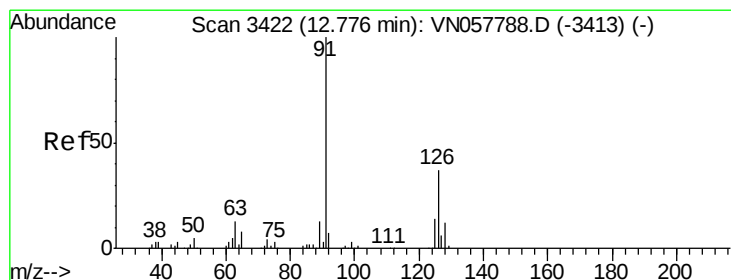
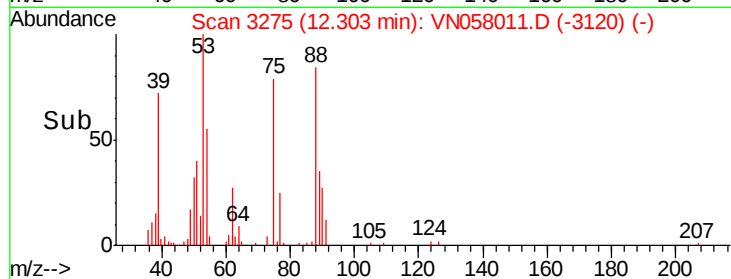
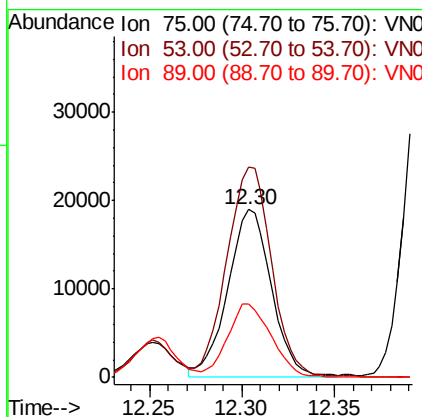
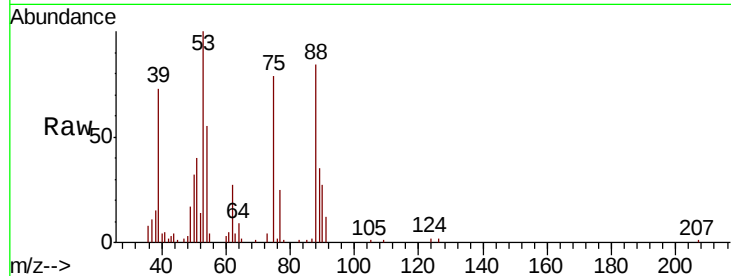


#77
t-1,4-Dichloro-2-butene
Concen: 16.544 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 75 Resp: 31167

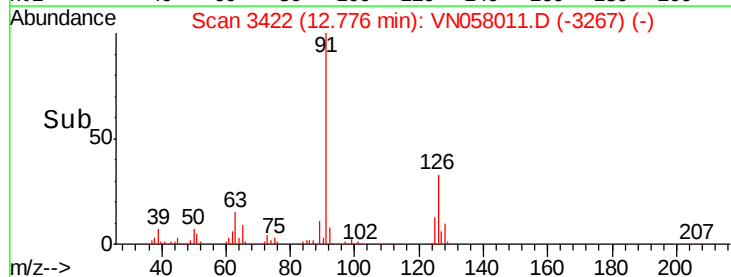
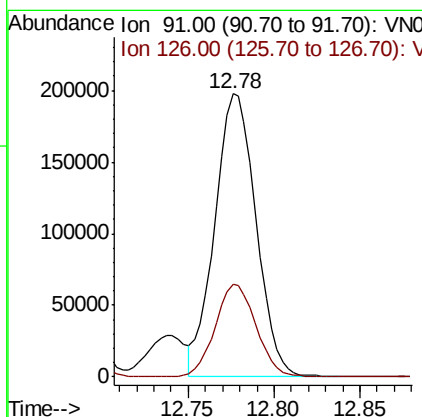
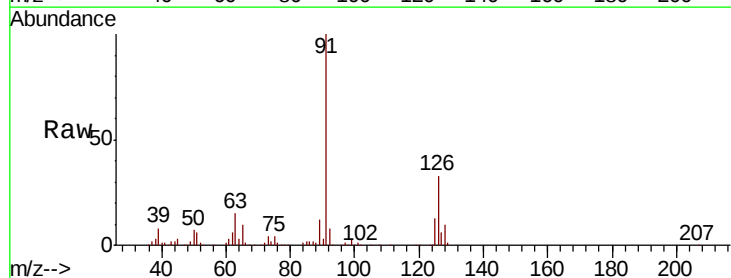
Ion	Ratio	Lower	Upper
75	100		
53	126.4	62.7	188.2
89	44.6	22.8	68.3

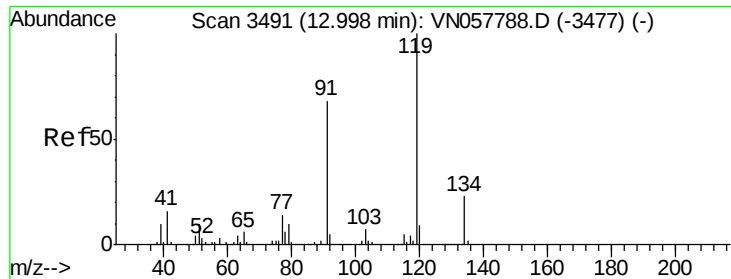


#78
4-Chlorotoluene
Concen: 19.863 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 91 Resp: 330068

Ion	Ratio	Lower	Upper
91	100		
126	32.3	0.0	65.2

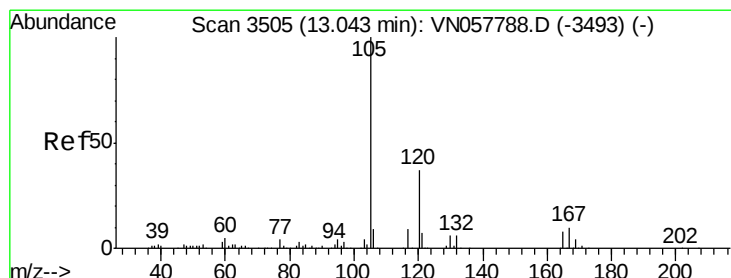
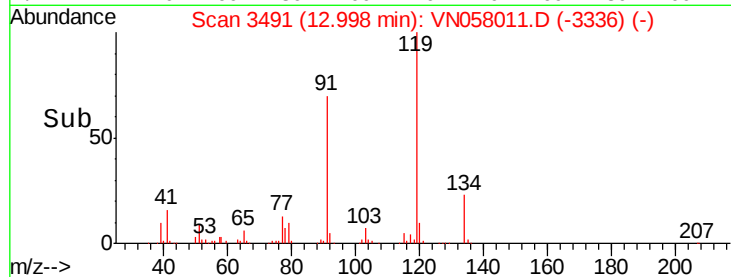
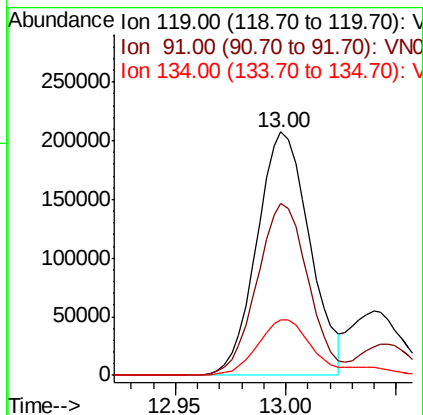
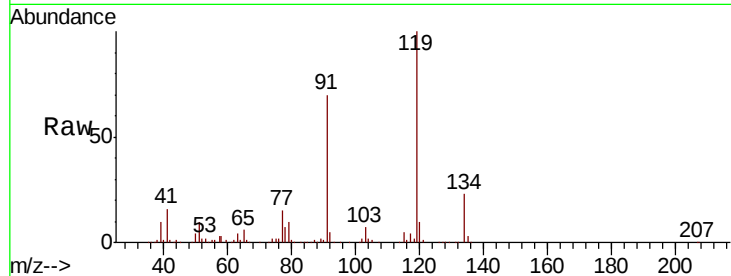




#79
tert-butylbenzene
Concen: 20.258 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

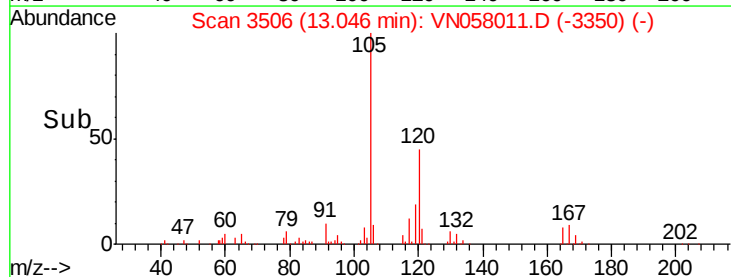
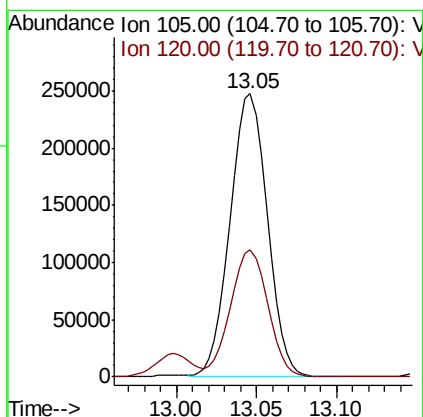
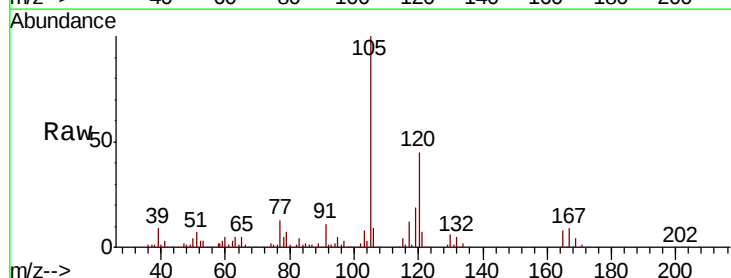
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

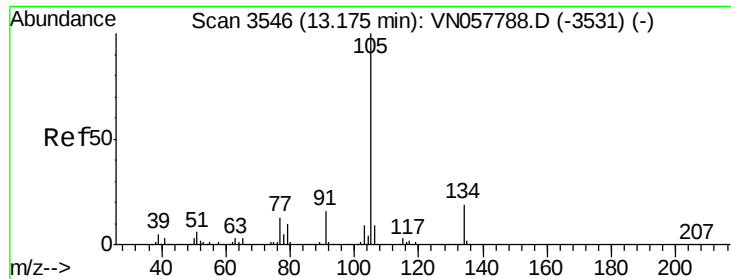
Tgt Ion:119 Resp: 344509
Ion Ratio Lower Upper
119 100
91 68.7 0.0 133.8
134 23.1 0.0 46.4



#80
1,2,4-Trimethylbenzene
Concen: 20.259 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion:105 Resp: 393488
Ion Ratio Lower Upper
105 100
120 45.0 0.0 87.8

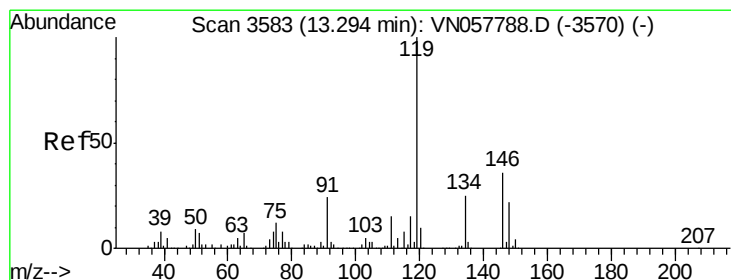
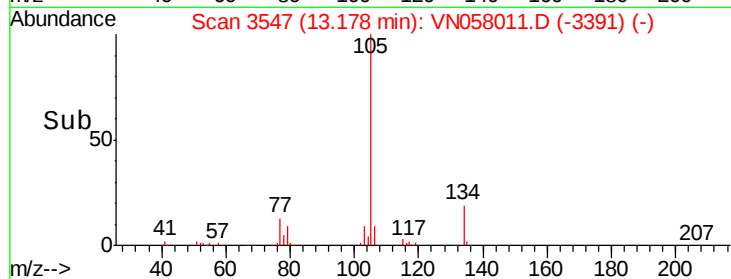
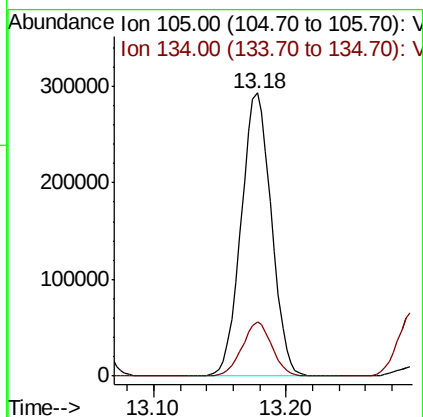
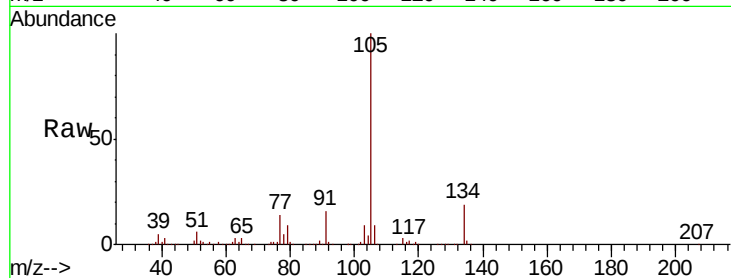




#81
 sec-Butylbenzene
 Concen: 20.476 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

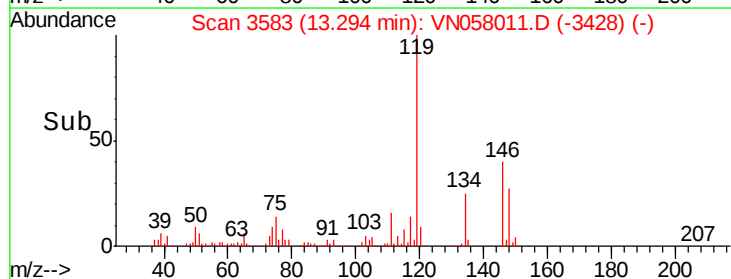
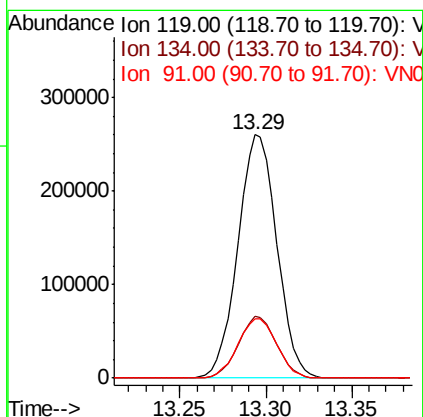
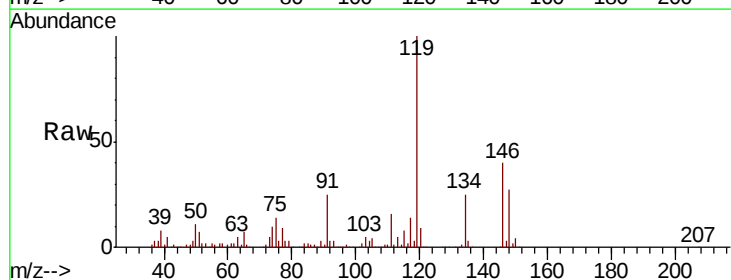
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

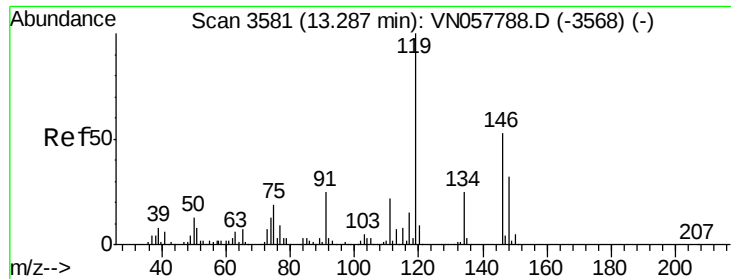
Tgt Ion:105 Resp: 462005
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 20.238 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion:119 Resp: 408949
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 50.4
 91 24.6 0.0 48.8

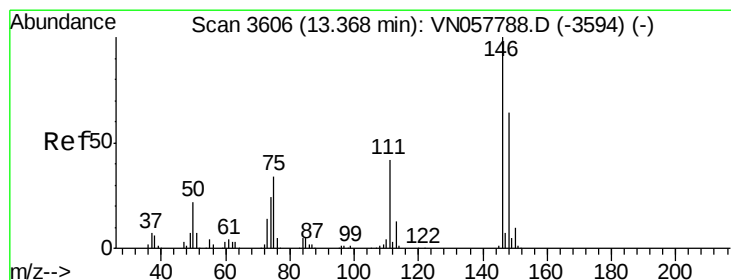
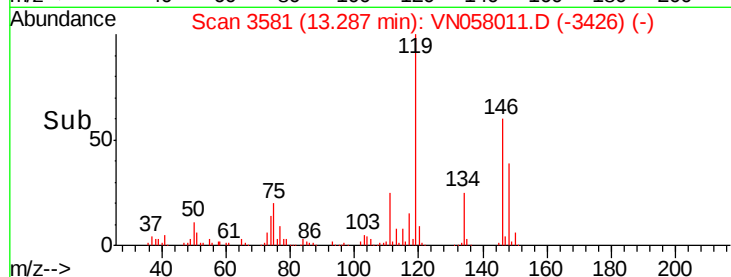
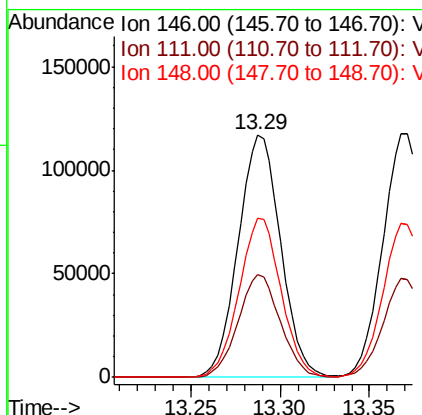
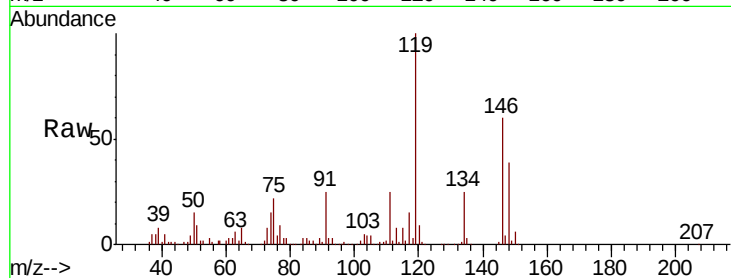




#83
 1,3-Dichlorobenzene
 Concen: 19.130 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

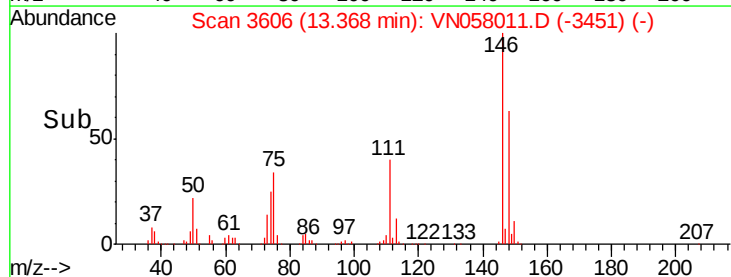
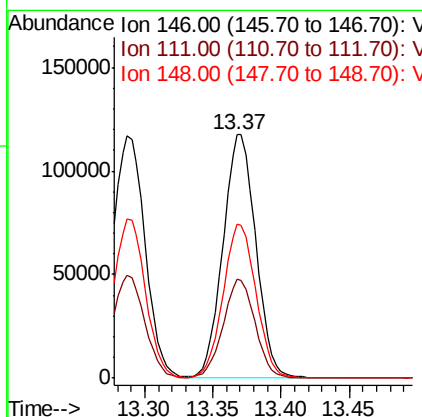
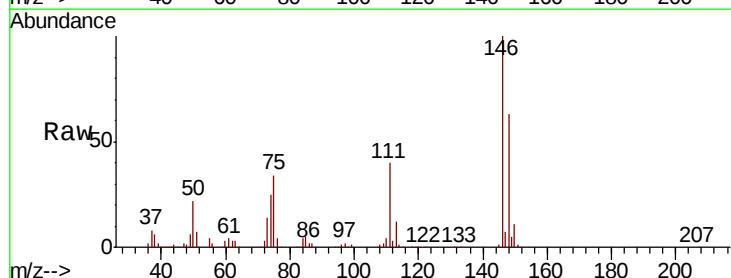
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

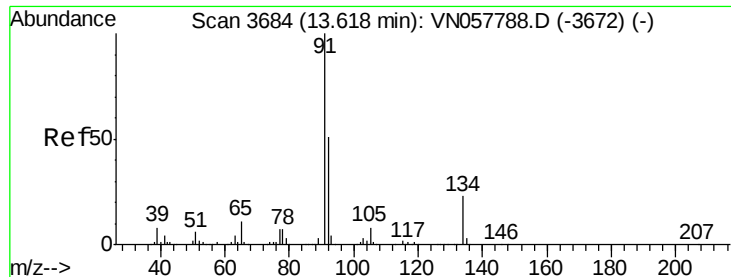
Tgt Ion:146 Resp: 194871
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.7 62.1
 148 64.9 30.9 92.5



#84
 1,4-Dichlorobenzene
 Concen: 19.610 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion:146 Resp: 196679
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.1 63.4
 148 63.0 31.7 95.1

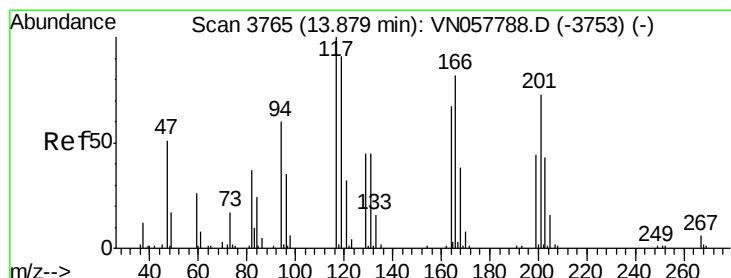
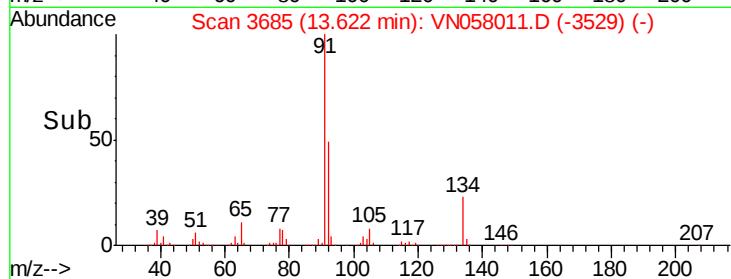
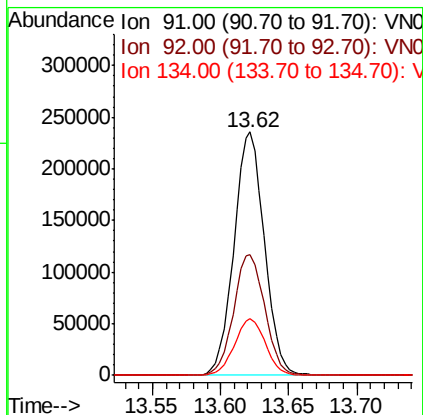
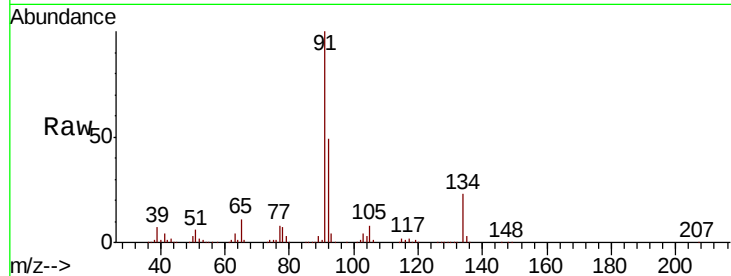




#85
n-Butylbenzene
Concen: 19.365 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

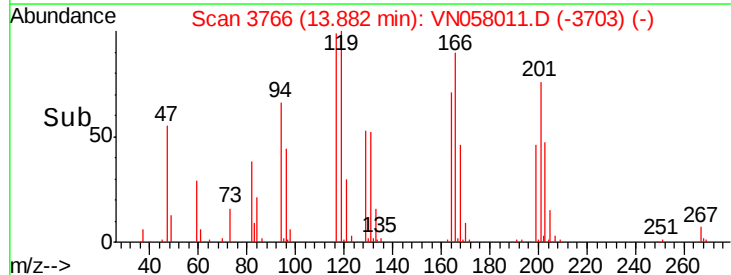
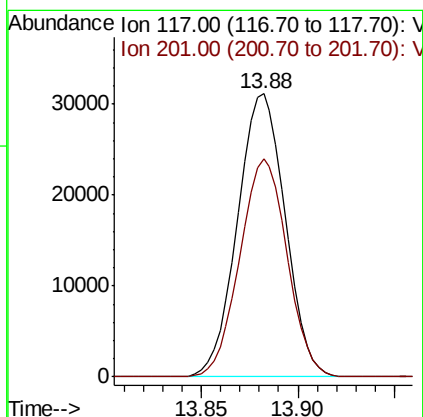
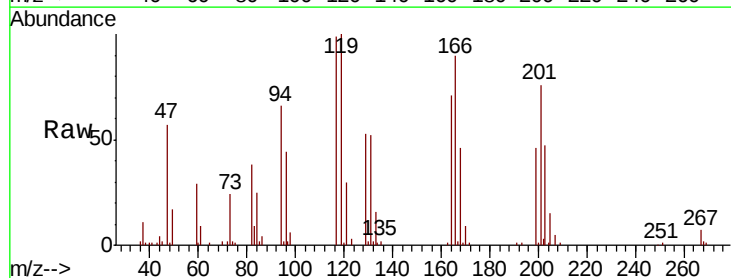
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

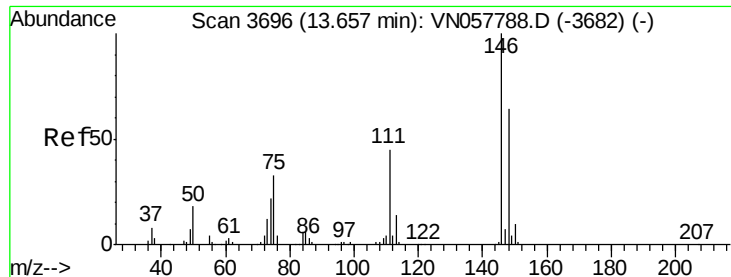
Tgt Ion: 91 Resp: 364688
Ion Ratio Lower Upper
91 100
92 50.7 0.0 100.0
134 23.5 0.0 46.6



#86
Hexachloroethane
Concen: 16.625 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN058011.D
Acq: 13 Sep 2019 12:24

Tgt Ion: 117 Resp: 53509
Ion Ratio Lower Upper
117 100
201 76.3 36.7 110.1

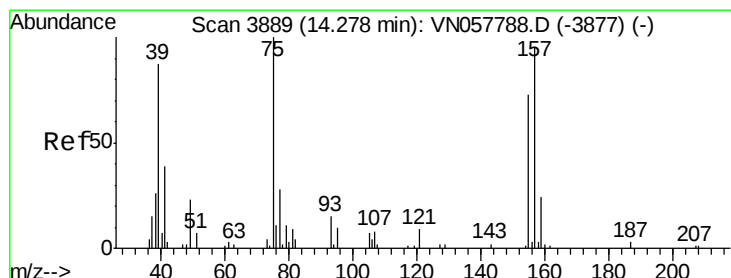
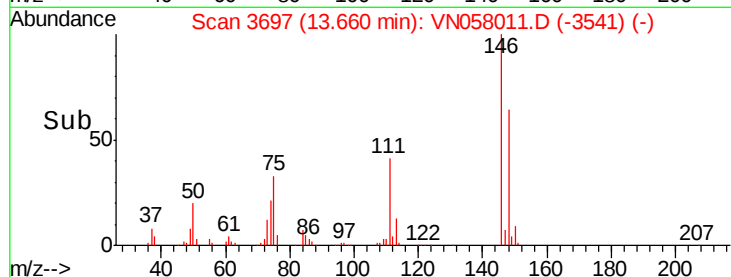
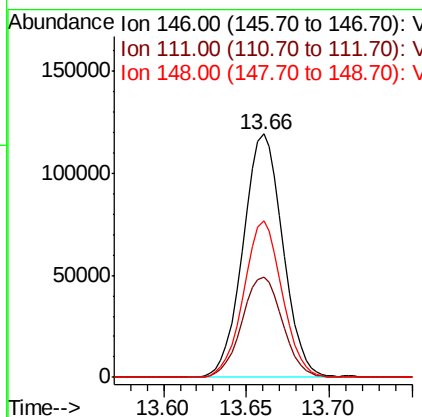
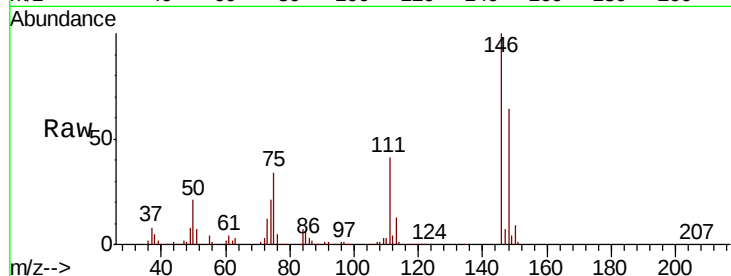




#87
 1,2-Dichlorobenzene
 Concen: 20.171 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

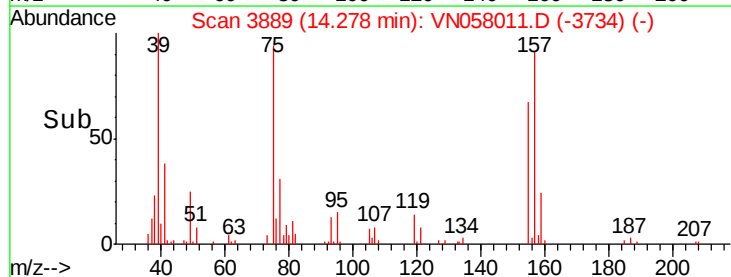
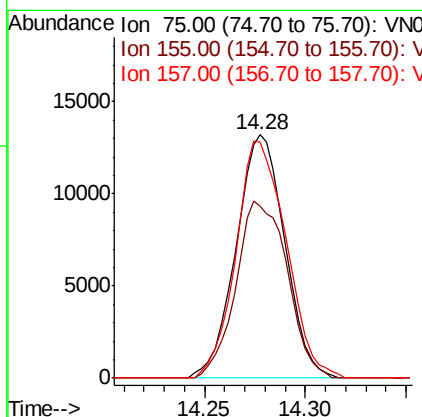
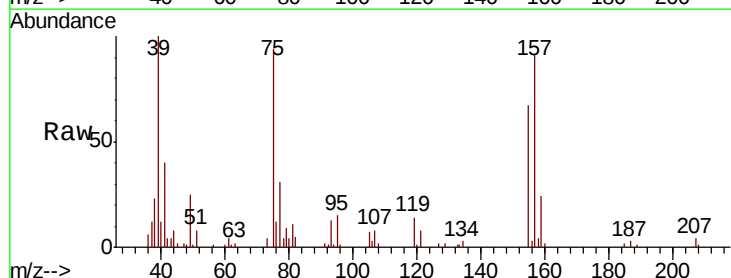
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

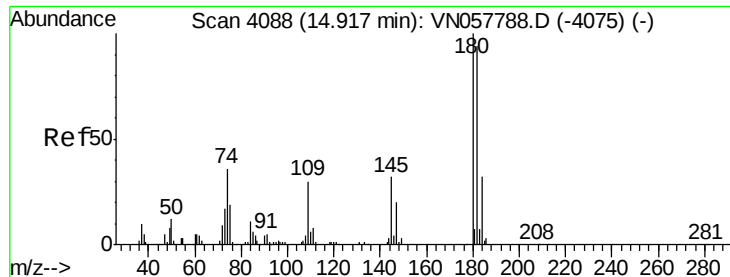
Tgt Ion: 146 Resp: 199458
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.2 66.6
 148 62.2 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.690 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion: 75 Resp: 22283
 Ion Ratio Lower Upper
 75 100
 155 76.8 59.4 89.2
 157 100.7 74.6 112.0

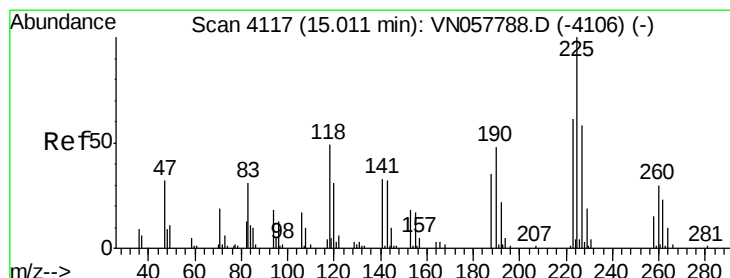
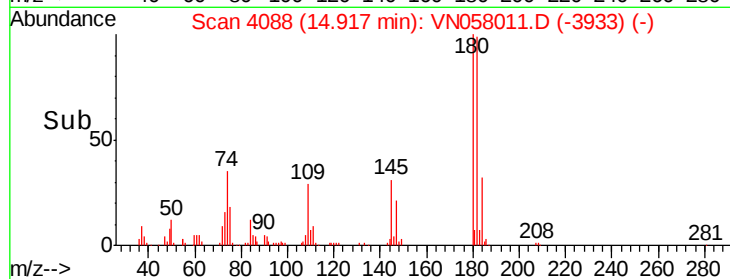
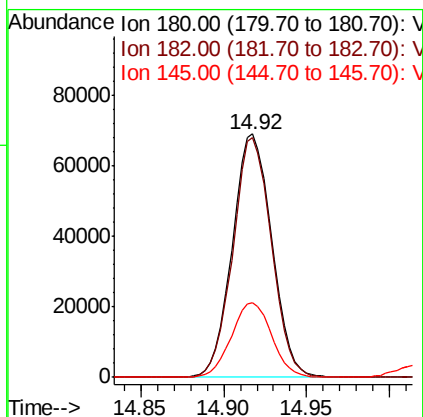
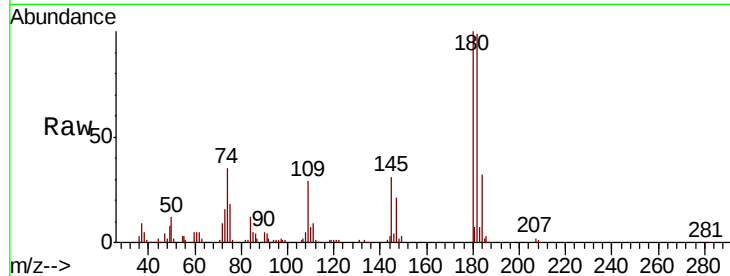




#89
 1,2,4-Trichlorobenzene
 Concen: 18.975 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

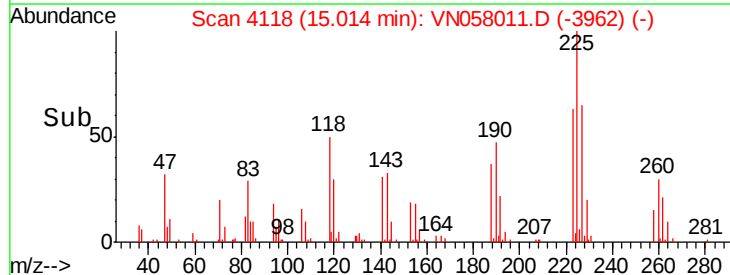
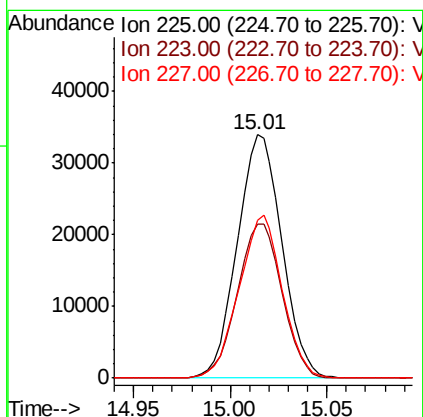
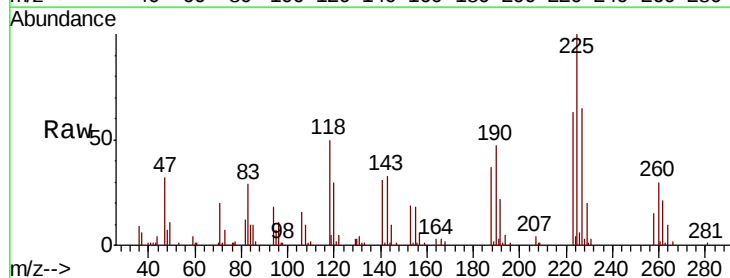
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

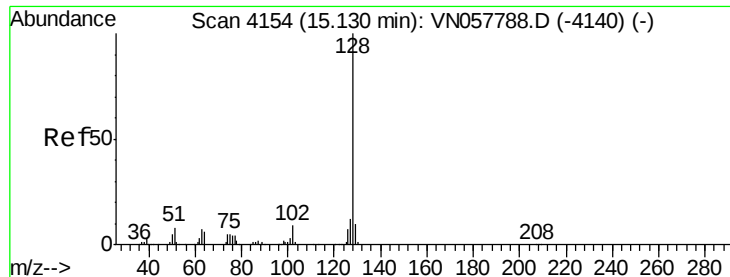
Tgt Ion:180 Resp: 114618
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.0 115.4
 145 31.3 26.1 39.1



#90
 Hexachlorobutadiene
 Concen: 19.633 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN058011.D
 Acq: 13 Sep 2019 12:24

Tgt Ion:225 Resp: 54465
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 125.0
 227 64.8 0.0 123.8





#91

Naphthalene

Concen: 19.067 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

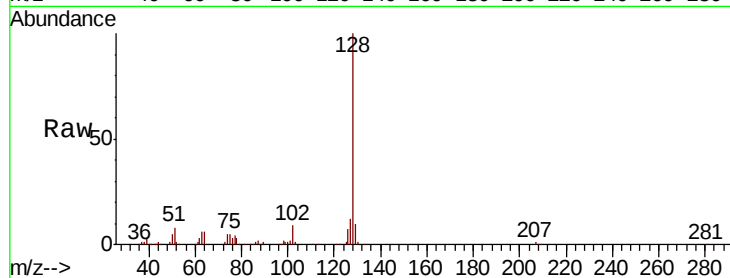
Tgt Ion:128 Resp: 316909

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

129 10.7 8.1 12.1

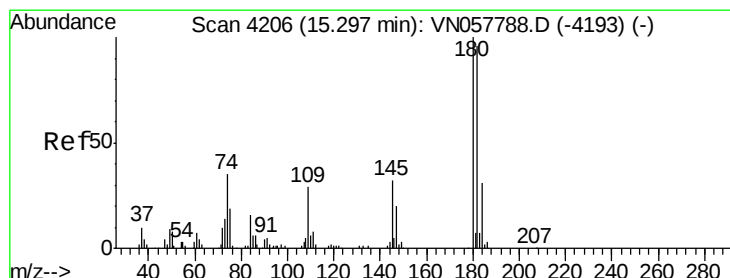
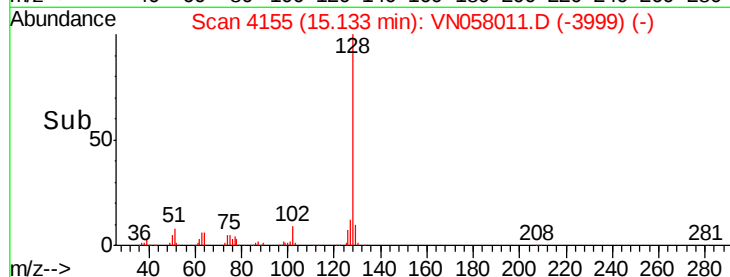
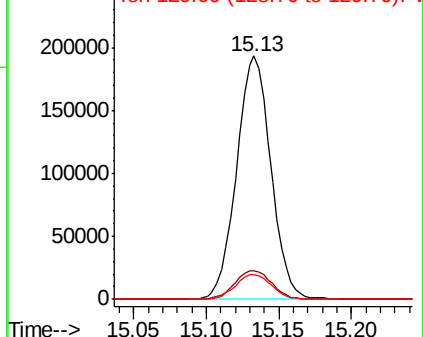


Abundance

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: 19.071 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058011.D

Acq: 13 Sep 2019 12:24

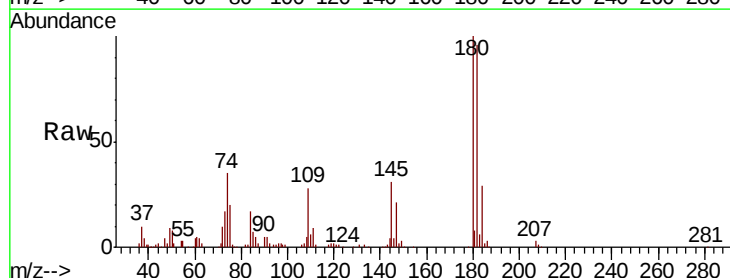
Tgt Ion:180 Resp: 109865

Ion Ratio Lower Upper

180 100

182 95.9 0.0 189.8

145 32.1 0.0 65.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

