

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
 Data File : VN057699.D
 Acq On : 5 Sep 2019 12:31
 Operator : JC/SP
 Sample : VN0905WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

Quant Time: Sep 06 01:30:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	56890	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	337783	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	286182	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	182007	30.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.33%
60) 4-Bromofluorobenzene	12.40	95	142772	29.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.33%
63) Toluene-d8	10.09	98	426011	30.91	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.03%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	85667	20.901 ug/l	97
3) Chloromethane	2.05	50	79274	18.341 ug/l	99
4) Vinyl Chloride	2.18	62	71943	20.354 ug/l	92
5) Bromomethane	2.56	94	45292	20.044 ug/l	99
6) Chloroethane	2.70	64	51044	19.777 ug/l #	89
7) Trichlorofluoromethane	3.02	101	140612	20.771 ug/l	97
8) Diethyl Ether	3.40	74	45024	20.220 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	73331	20.844 ug/l	100
10) 1,1-Dichloroethene	3.73	96	67051	20.891 ug/l	91
11) Methyl Iodide	3.95	142	80515	18.116 ug/l	98
12) Methyl Acetate	4.31	43	98426	20.540 ug/l	99
13) Acrolein	3.60	56	21888	80.502 ug/l	92
14) Acrylonitrile	4.97	53	172511	98.917 ug/l	98
15) Acetone	3.80	58	43786	89.507 ug/l	97
16) Carbon Disulfide	4.05	76	151171	18.750 ug/l	96
17) Allyl chloride	4.32	41	144319	21.054 ug/l	98
18) Methylene Chloride	4.54	84	78230	19.451 ug/l	98
19) trans-1,2-Dichloroethene	5.03	96	69414	20.446 ug/l	96
20) Diisopropyl ether	5.93	45	298843	20.232 ug/l	93
21) 1,1-Dichloroethane	5.84	63	152993	20.095 ug/l	99
22) cis-1,2-Dichloroethene	6.82	96	84156	20.294 ug/l #	88
23) tert-Butyl Alcohol	4.84	59	359	0.566 ug/l #	100
24) Methyl tert-Butyl Ether	5.02	73	261877	20.535 ug/l	100
25) Chloroform	7.36	83	160847	20.381 ug/l	94
26) Cyclohexane	7.64	56	131351	20.261 ug/l #	99
29) 1,1-Dichloropropene	7.78	75	110635	20.511 ug/l	98
30) 2-Butanone	6.82	43	251644	98.760 ug/l #	98
31) 2,2-Dichloropropane	6.81	77	135089	20.236 ug/l #	77
32) 1,1,1-Trichloroethane	7.56	97	139607	20.906 ug/l	99
33) Carbon Tetrachloride	7.76	117	111799	20.616 ug/l	93
34) Benzene	8.03	78	314809	20.318 ug/l	94
35) Methacrylonitrile	7.19	41	108688	46.563 ug/l #	64
36) 1,2-Dichloroethane	8.11	62	144454	20.921 ug/l #	100
37) Trichloroethene	8.83	130	75577	20.542 ug/l	98
38) Methylcyclohexane	9.08	83	121301	20.266 ug/l	98
39) 1,2-Dichloropropane	9.11	63	87037	20.543 ug/l	97
40) Dibromomethane	9.20	93	55903	20.354 ug/l	98

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 VN0905WBSD01

Quant Time: Sep 06 01:30:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

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

41) Bromodichloromethane	9.40	83	119814	20.183	ug/l #	97
42) Vinyl Acetate	5.88	43	1205353	107.627	ug/l	100
43) Ethyl Acetate	7.20	43	36890	7.031	ug/l	98
44) Isopropyl Acetate	8.15	43	197391	20.123	ug/l	99
45) 1,4-Dioxane	9.19	88	19915	316.262	ug/l #	86
46) Methyl methacrylate	9.19	41	97269	20.436	ug/l	100
47) n-amyl Acetate	12.07	43	135230	17.776	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	117872	18.930	ug/l	96
49) cis-1,3-Dichloropropene	9.83	75	129629	19.512	ug/l	94
50) 1,1,2-Trichloroethane	10.56	97	75027	20.255	ug/l	98
51) Ethyl methacrylate	10.43	69	113306	18.764	ug/l	96
52) 1,3-Dichloropropane	10.71	76	134879	20.458	ug/l	99
53) Dibromochloromethane	10.90	129	76798	19.865	ug/l	96
54) 1,2-Dibromoethane	11.00	107	74580	20.141	ug/l	95
55) 2-Chloroethyl vinyl ether	9.69	63	146207	76.633	ug/l	99
56) Bromoform	12.13	173	42042	17.537	ug/l #	97
58) 4-Methyl-2-Pentanone	9.98	43	556246	109.983	ug/l	99
59) 2-Hexanone	10.75	43	362486	101.283	ug/l	100
61) Tetrachloroethene	10.63	164	70587	21.480	ug/l	99
62) Toluene	10.15	91	335593	20.886	ug/l	98
64) Chlorobenzene	11.43	112	189111	20.044	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	73805	21.353	ug/l	95
66) Ethyl Benzene	11.51	91	371053	20.659	ug/l	98
67) m/p-Xylenes	11.62	106	251392	39.909	ug/l	99
68) o-Xylene	11.95	106	123980	19.766	ug/l	92
69) Styrene	11.96	104	192342	19.132	ug/l	100
70) Isopropylbenzene	12.25	105	355034	20.636	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	97636	21.569	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	121015	28.426	ug/l	60
73) Bromobenzene	12.53	156	72024	19.755	ug/l	96
74) n-propylbenzene	12.59	91	366333	19.235	ug/l	99
75) 2-Chlorotoluene	12.68	91	237181	19.893	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	284515	19.921	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	23312	17.939	ug/l	92
78) 4-Chlorotoluene	12.78	91	210233	18.559	ug/l	97
79) tert-butylbenzene	13.00	119	247858	20.206	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	265077	19.753	ug/l	99
81) sec-Butylbenzene	13.17	105	303076	19.173	ug/l	99
82) p-Isopropyltoluene	13.29	119	245570	18.291	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	104889	19.210	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	95429	18.514	ug/l	99
85) n-Butylbenzene	13.62	91	206163	17.470	ug/l	99
86) Hexachloroethane	13.88	117	45499	18.728	ug/l	91
87) 1,2-Dichlorobenzene	13.66	146	100926	20.035	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	12186	18.363	ug/l	94
89) 1,2,4-Trichlorobenzene	14.91	180	22236	12.740	ug/l	96
90) Hexachlorobutadiene	15.01	225	37166	19.198	ug/l	94
91) Naphthalene	15.13	128	53748	11.857	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	22597	13.324	ug/l	96

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

Quant Time: Sep 06 01:30:08 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 2019
Response via : Initial Calibration

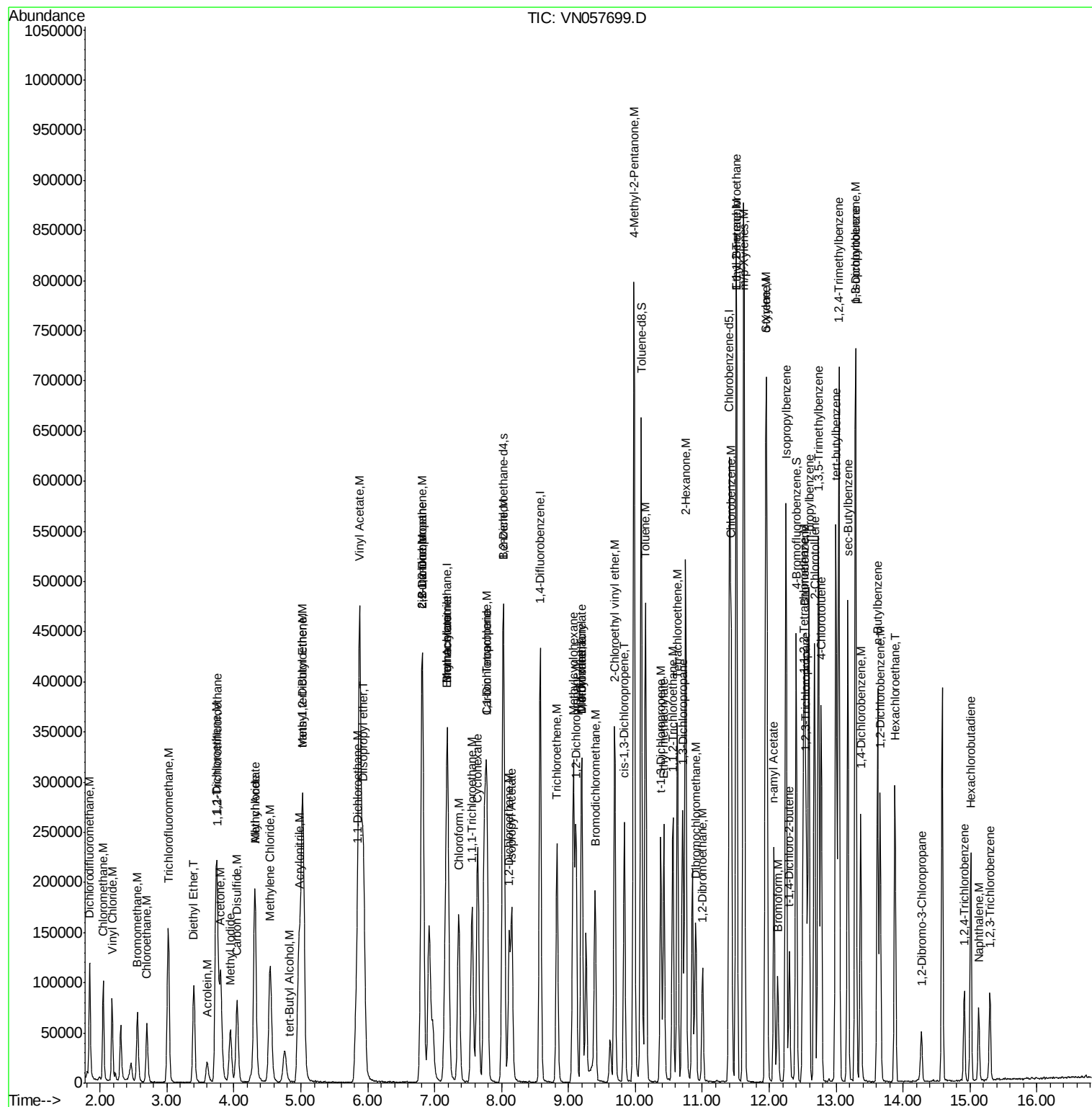
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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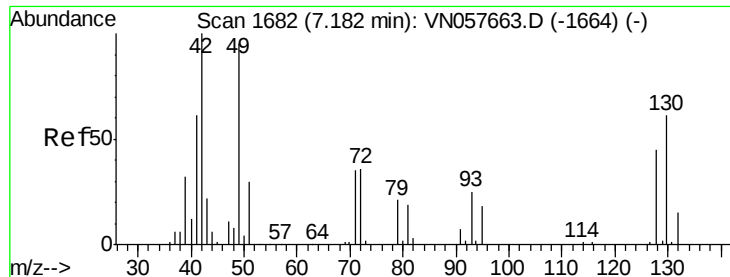
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
 Data File : VN057699.D
 Acq On : 5 Sep 2019 12:31
 Operator : JC/SP
 Sample : VN0905WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0905WBSD01

Quant Time: Sep 06 01:30:08 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBSD01

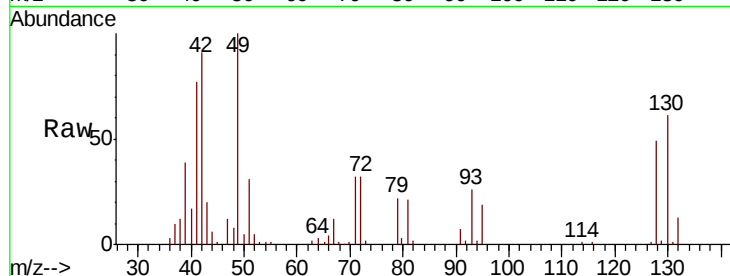
Tgt Ion:128 Resp: 56890

Ion Ratio Lower Upper

128 100

49 212.1 0.0 544.5

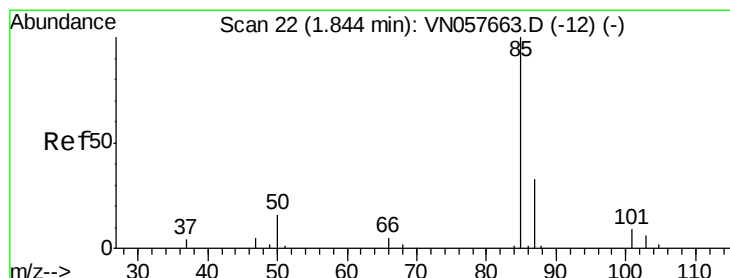
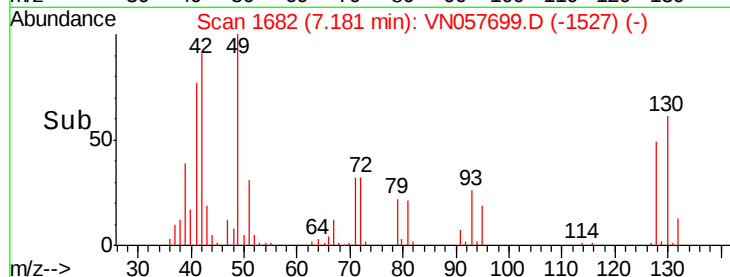
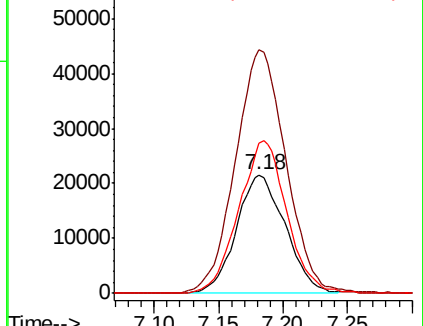
130 126.6 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.901 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.00 min

Lab File: VN057699.D

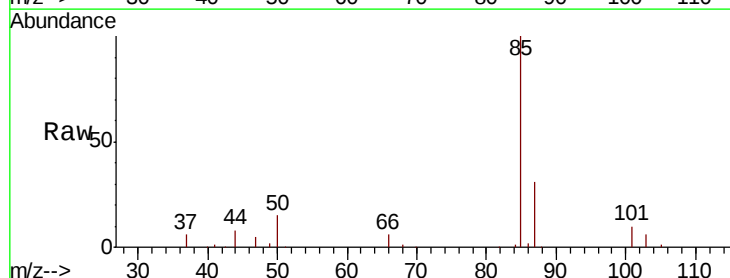
Acq: 5 Sep 2019 12:31

Tgt Ion: 85 Resp: 85667

Ion Ratio Lower Upper

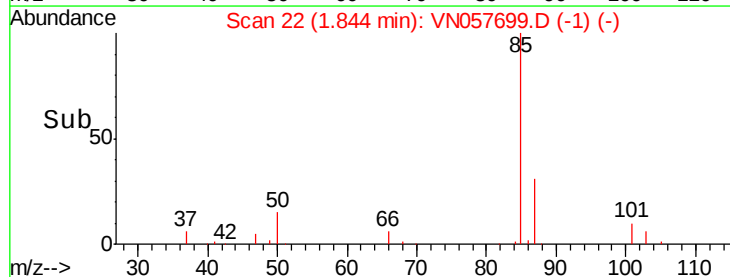
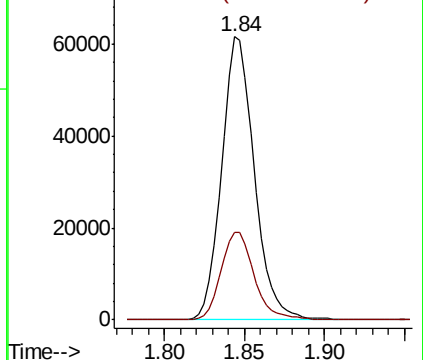
85 100

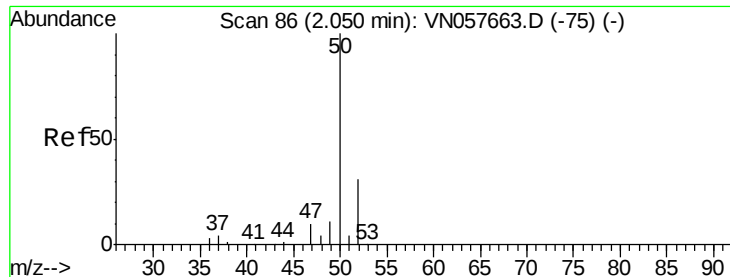
87 31.1 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 18.341 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

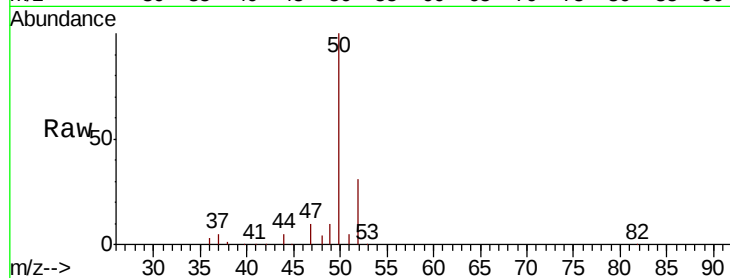
VN0905WBSD01

Tgt Ion: 50 Resp: 79274

Ion Ratio Lower Upper

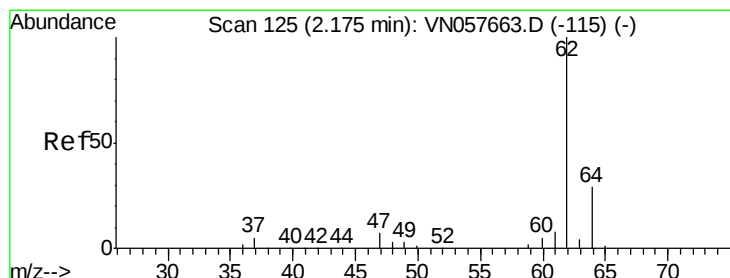
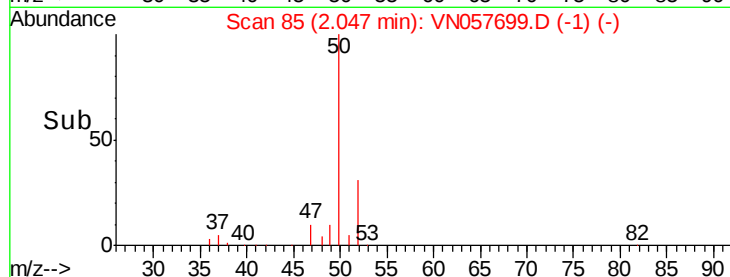
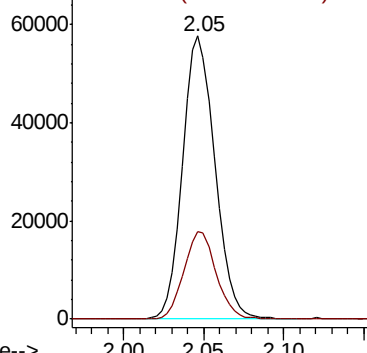
50 100

52 31.0 25.2 37.8



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.354 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN057699.D

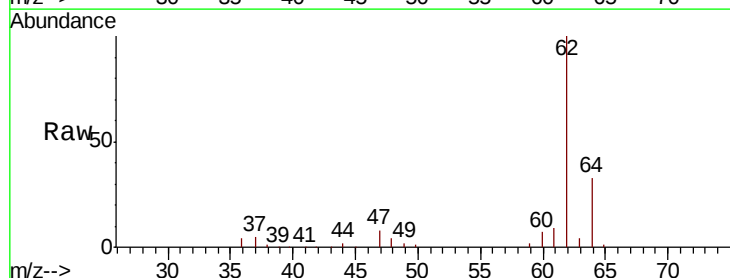
Acq: 5 Sep 2019 12:31

Tgt Ion: 62 Resp: 71943

Ion Ratio Lower Upper

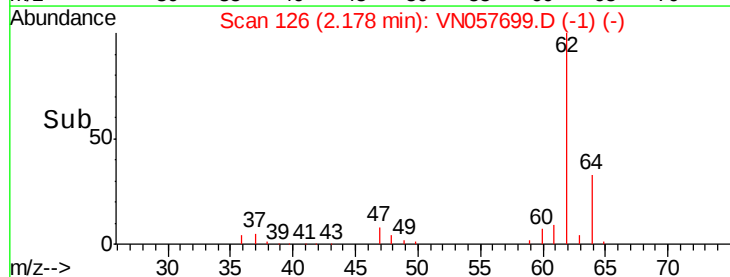
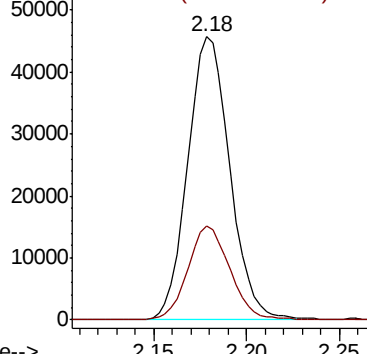
62 100

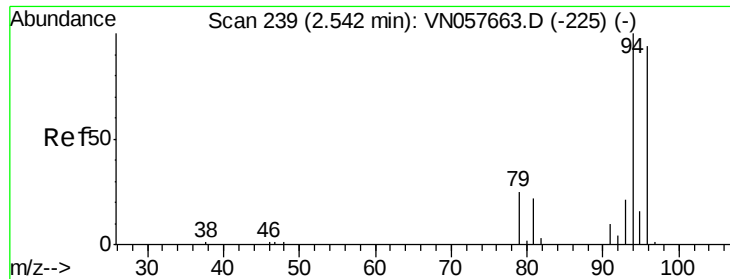
64 33.0 23.2 34.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

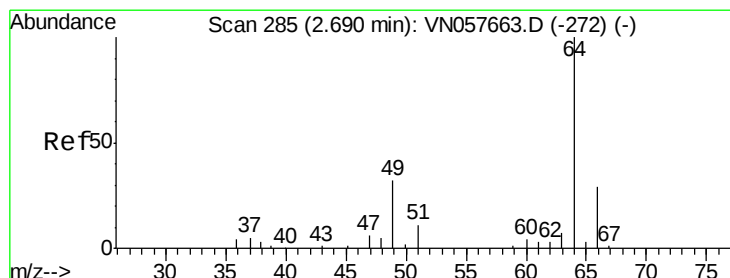
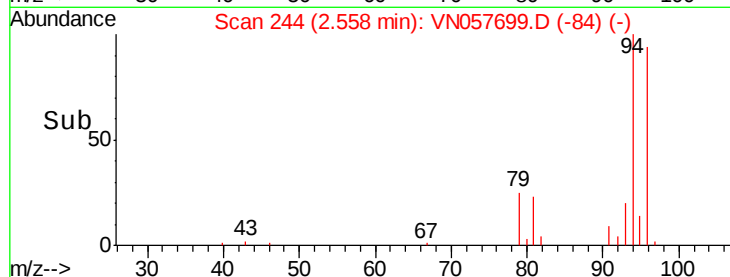
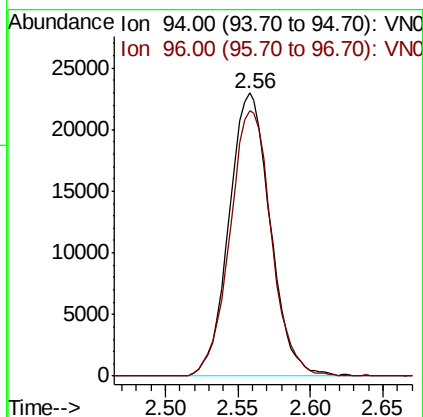
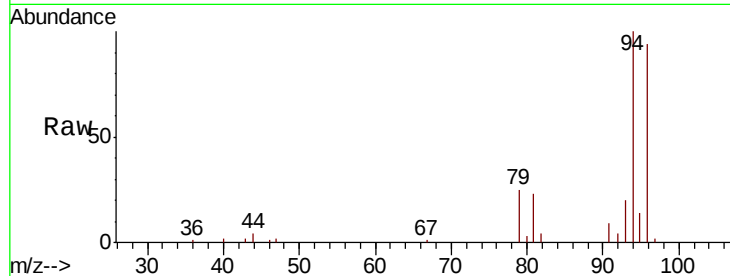




#5
Bromomethane
Concen: 20.044 ug/l
RT: 2.56 min Scan# 244
Delta R.T. 0.02 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

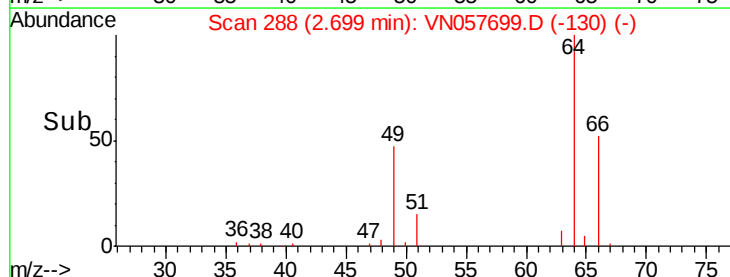
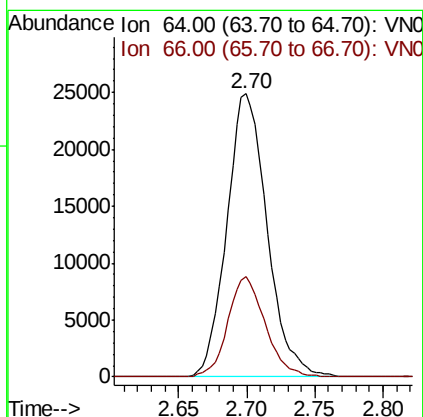
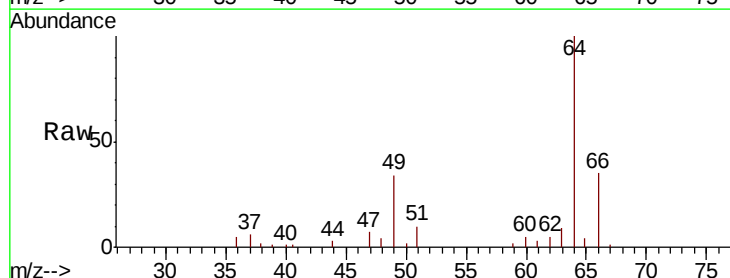
Instrument :
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ClientSampleId :
VN0905WBSD01

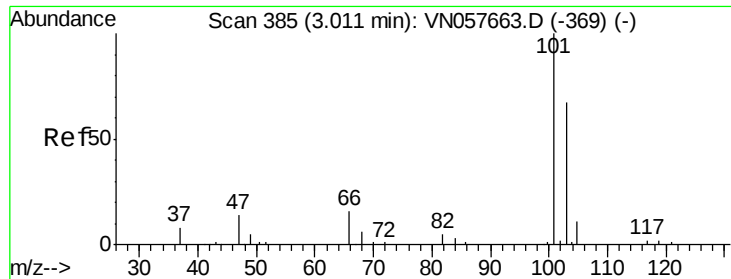
Tgt Ion: 94 Resp: 45292
Ion Ratio Lower Upper
94 100
96 93.8 75.6 113.4



#6
Chloroethane
Concen: 19.777 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.01 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 64 Resp: 51044
Ion Ratio Lower Upper
64 100
66 35.4 23.5 35.3#



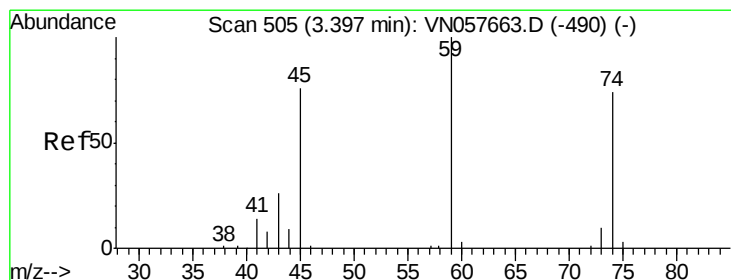
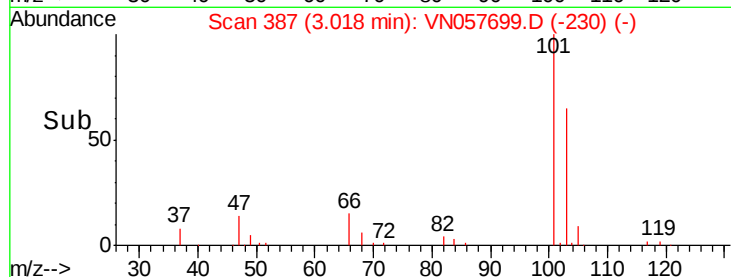
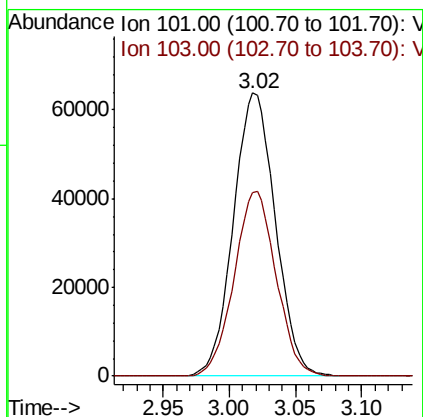
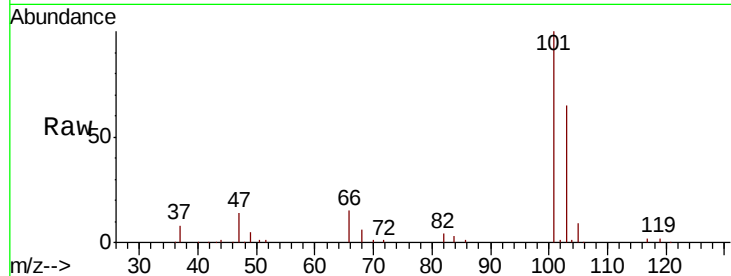


#7

Trichlorofluoromethane
Concen: 20.771 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.01 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

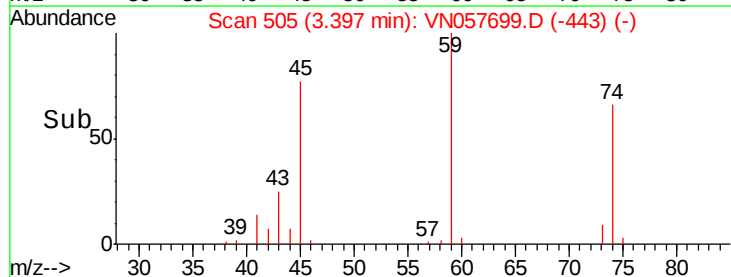
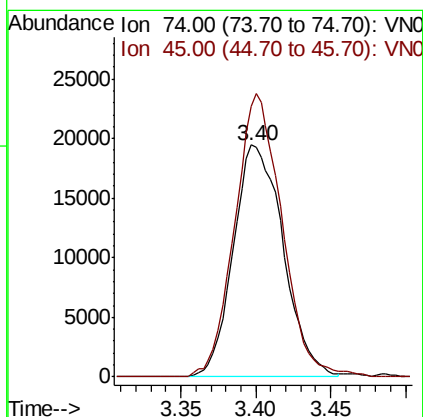
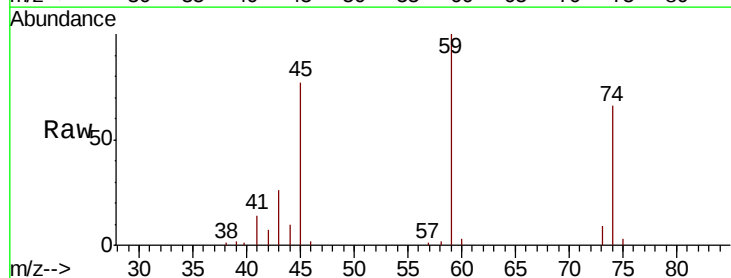
Tgt Ion:101 Resp: 140612
Ion Ratio Lower Upper
101 100
103 64.9 53.6 80.4

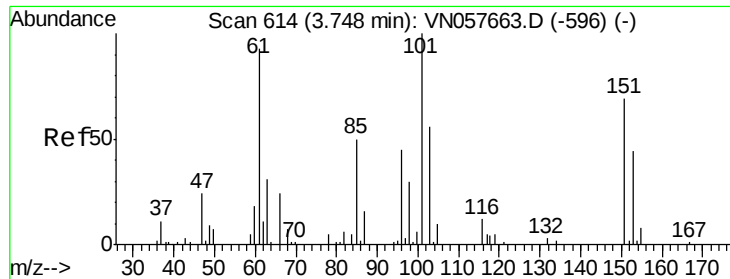


#8

Diethyl Ether
Concen: 20.220 ug/l
RT: 3.40 min Scan# 505
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 74 Resp: 45024
Ion Ratio Lower Upper
74 100
45 115.3 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.844 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBSD01

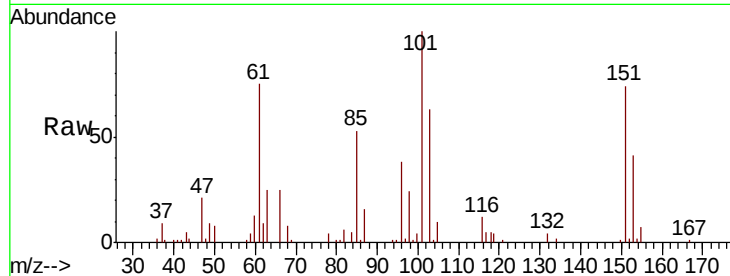
Tgt Ion:101 Resp: 73331

Ion Ratio Lower Upper

101 100

85 50.3 0.0 100.2

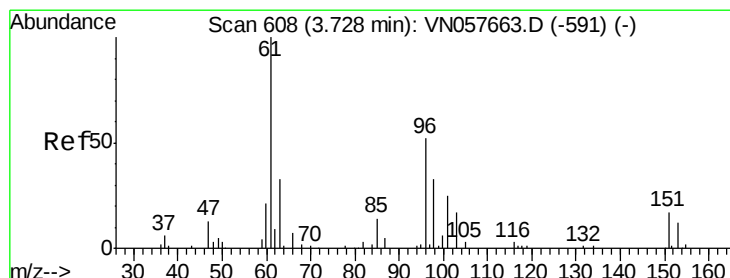
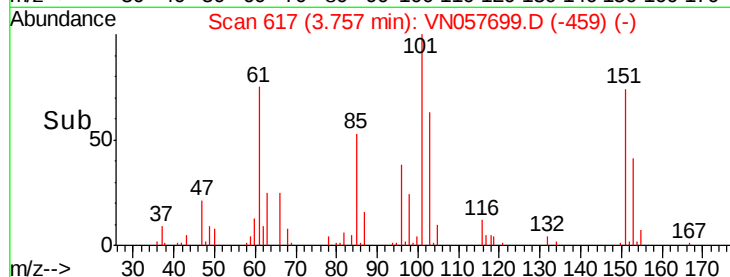
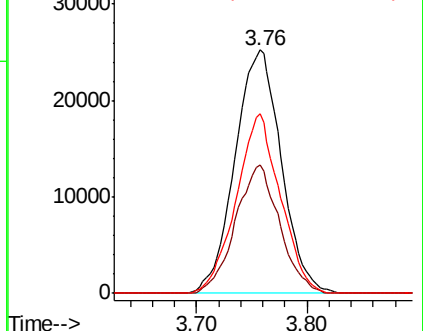
151 70.3 0.0 140.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.891 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

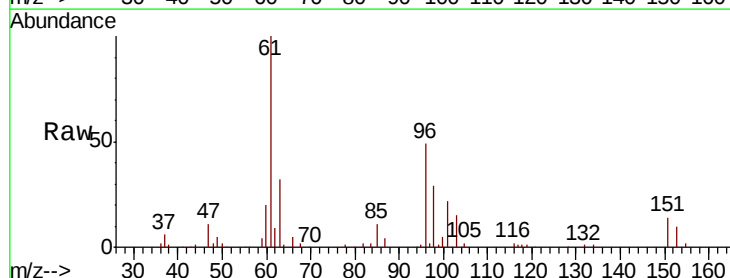
Tgt Ion: 96 Resp: 67051

Ion Ratio Lower Upper

96 100

61 205.4 152.9 229.3

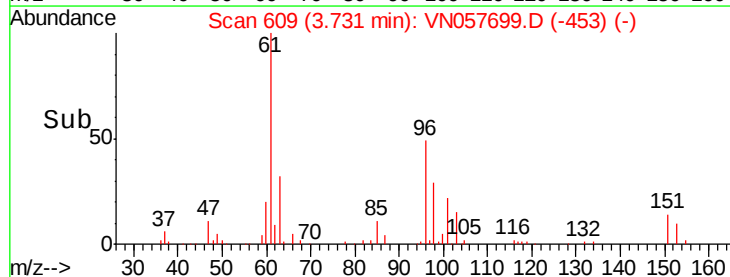
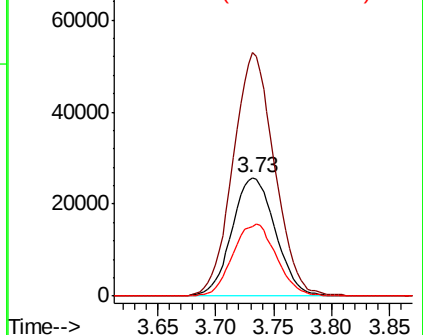
98 59.0 51.0 76.4

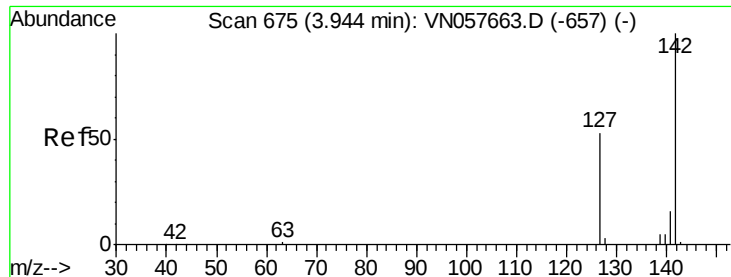


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

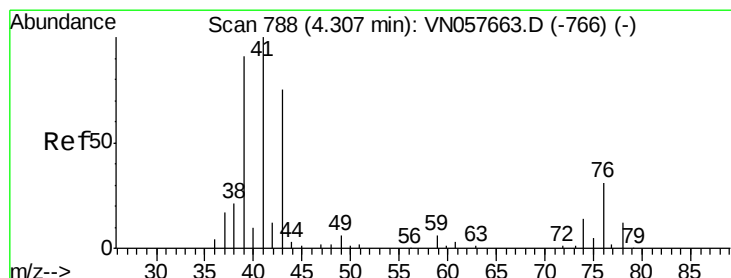
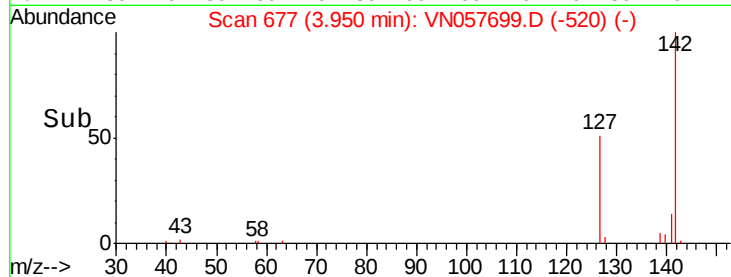
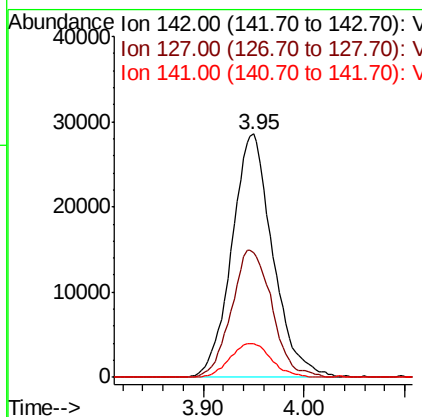
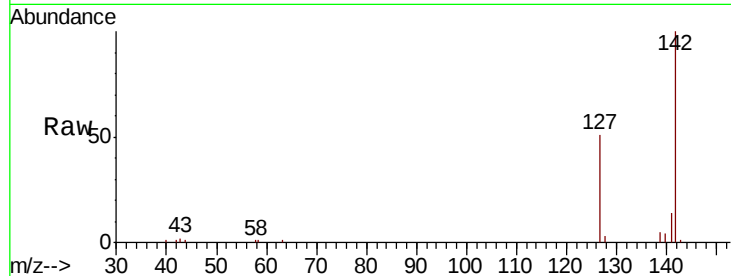




#11
Methyl Iodide
Concen: 18.116 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.01 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

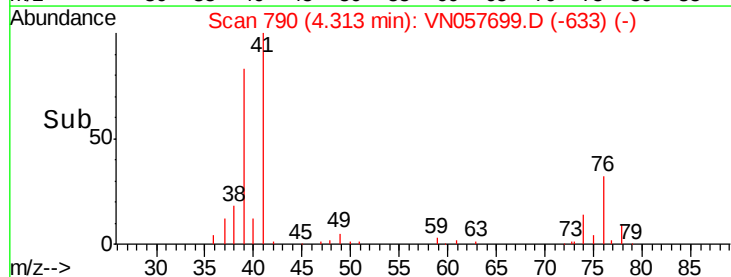
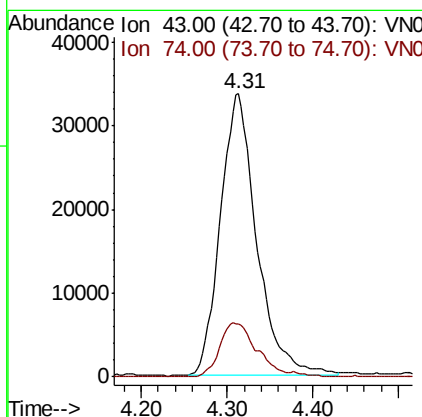
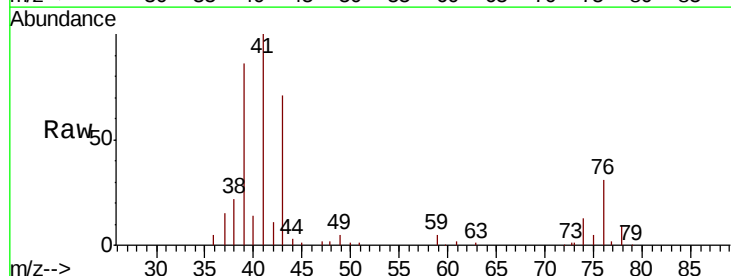
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

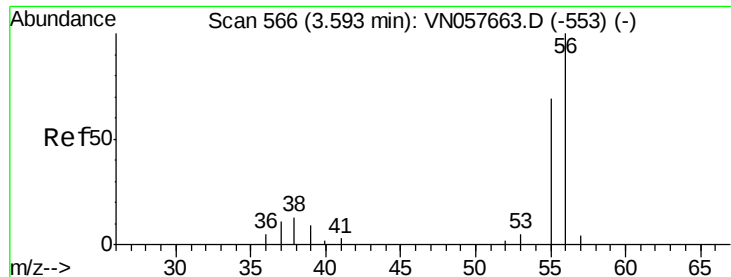
Tgt Ion:142 Resp: 80515
Ion Ratio Lower Upper
142 100
127 51.1 26.2 78.5
141 13.4 7.6 22.9



#12
Methyl Acetate
Concen: 20.540 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 43 Resp: 98426
Ion Ratio Lower Upper
43 100
74 18.8 14.6 22.0

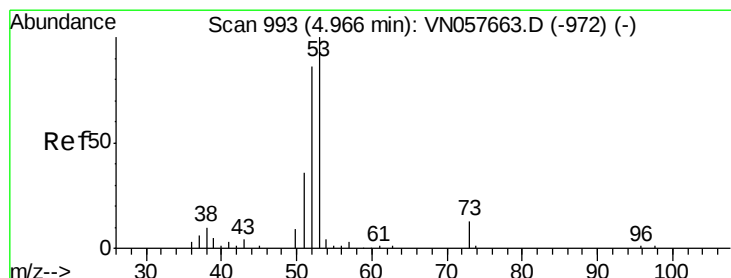
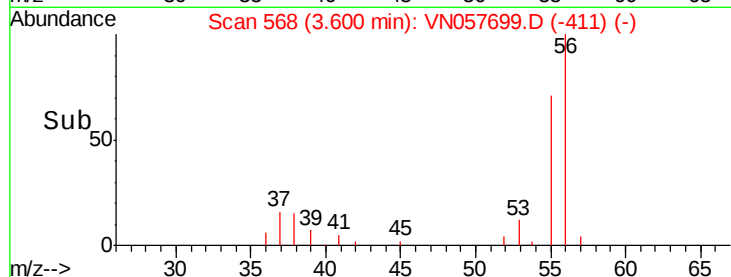
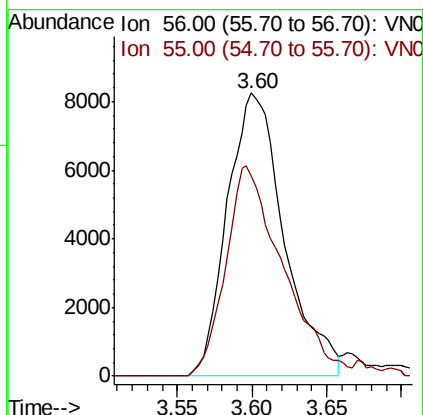
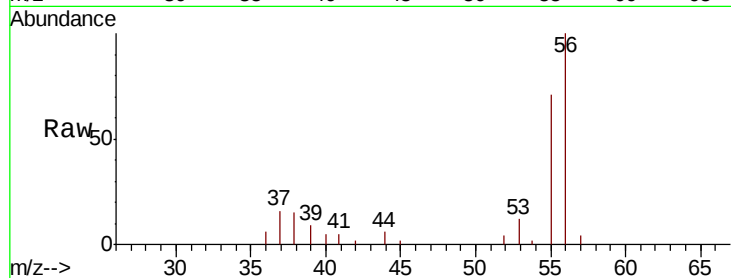




#13
 Acrolein
 Concen: 80.502 ug/l
 RT: 3.60 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

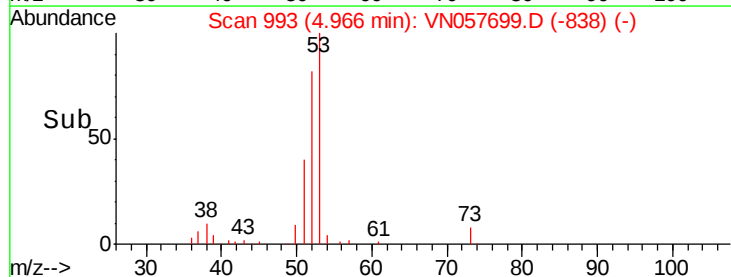
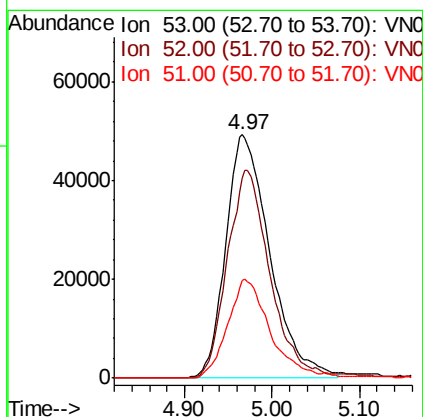
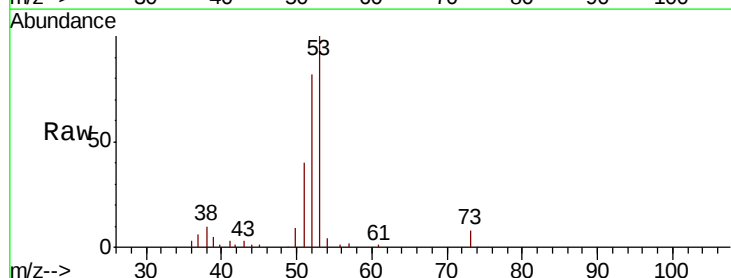
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

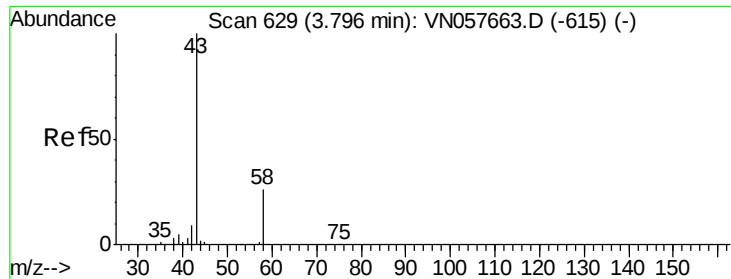
Tgt Ion: 56 Resp: 21888
 Ion Ratio Lower Upper
 56 100
 55 74.3 54.2 81.4



#14
 Acrylonitrile
 Concen: 98.917 ug/l
 RT: 4.97 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 53 Resp: 172511
 Ion Ratio Lower Upper
 53 100
 52 81.1 41.9 125.7
 51 38.5 19.4 58.2





#15

Acetone

Concen: 89.507 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

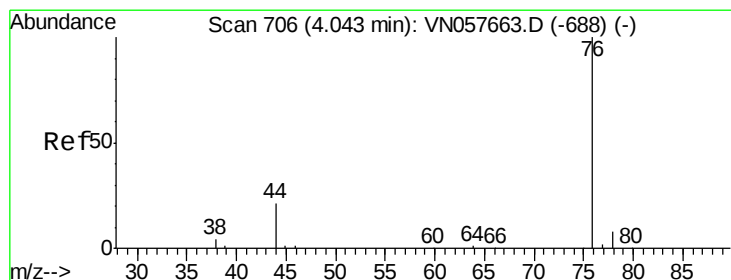
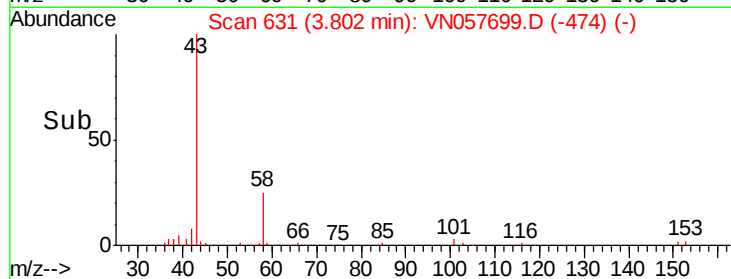
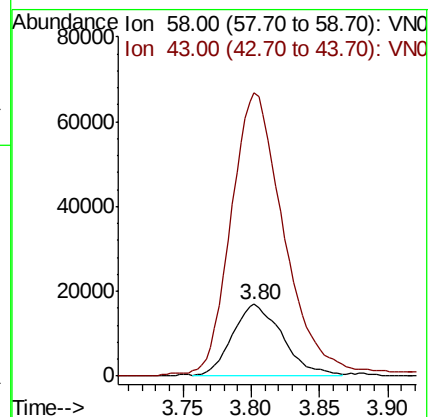
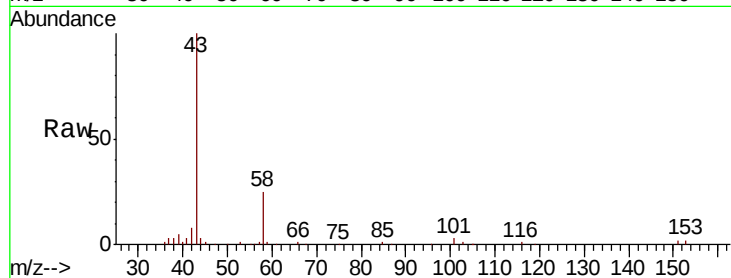
VN0905WBSD01

Tgt Ion: 58 Resp: 43786

Ion Ratio Lower Upper

58 100

43 391.9 308.8 463.2



#16

Carbon Disulfide

Concen: 18.750 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN057699.D

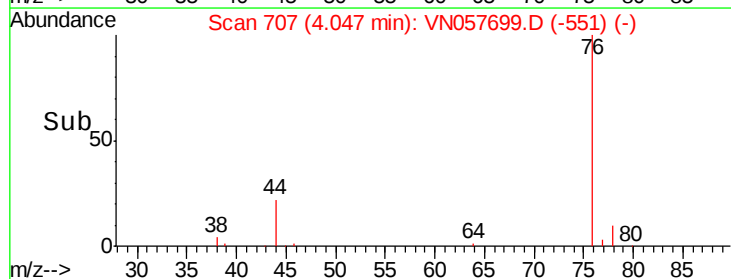
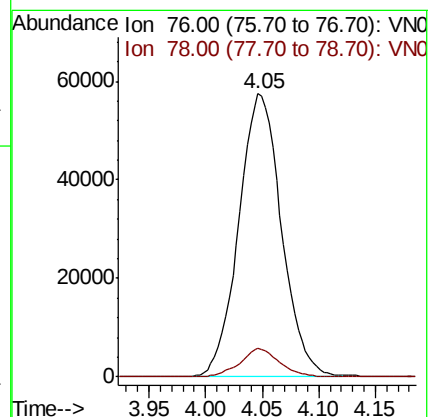
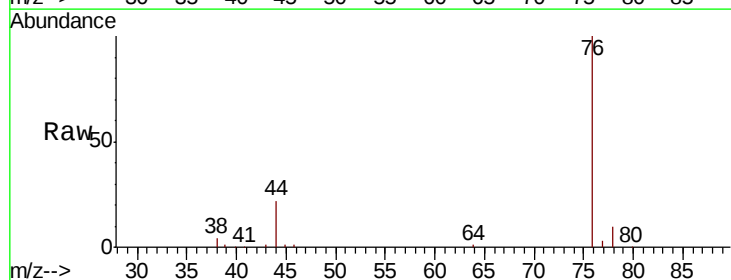
Acq: 5 Sep 2019 12:31

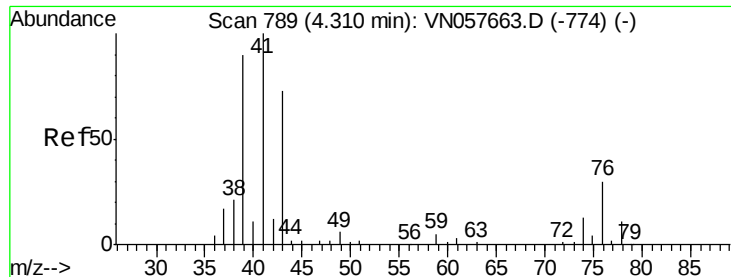
Tgt Ion: 76 Resp: 151171

Ion Ratio Lower Upper

76 100

78 9.9 6.8 10.2





#17

Allyl chloride

Concen: 21.054 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBSD01

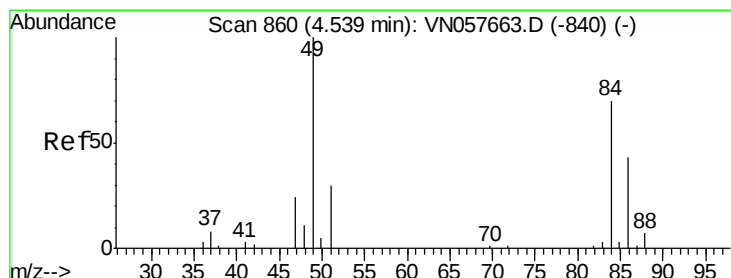
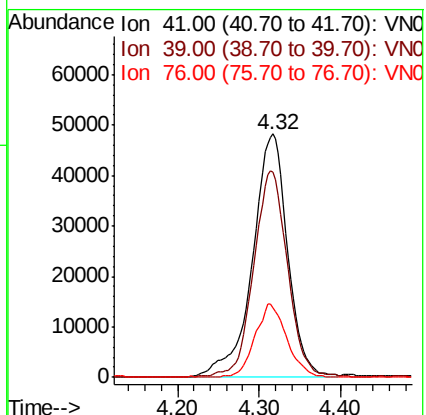
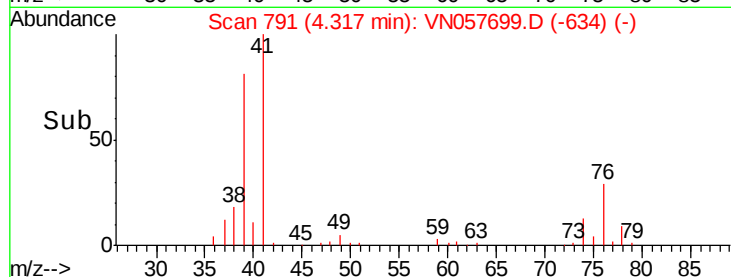
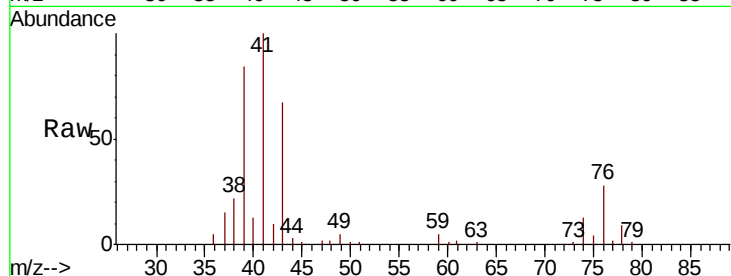
Tgt Ion: 41 Resp: 144319

Ion Ratio Lower Upper

41 100

39 84.4 43.0 128.8

76 27.9 14.2 42.8



#18

Methylene Chloride

Concen: 19.451 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Tgt Ion: 84 Resp: 78230

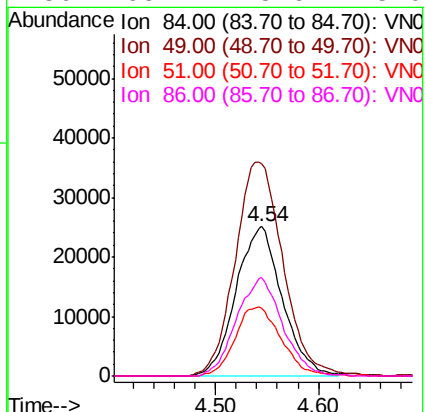
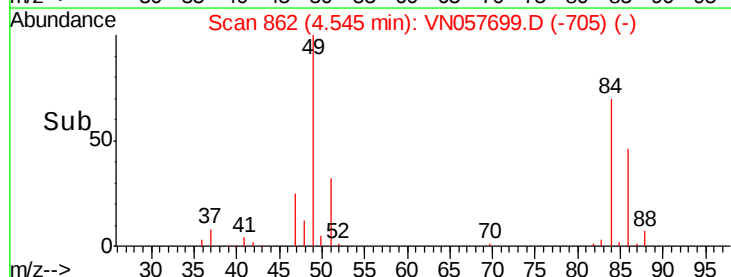
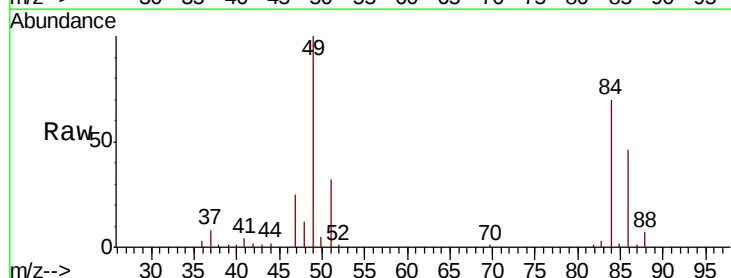
Ion Ratio Lower Upper

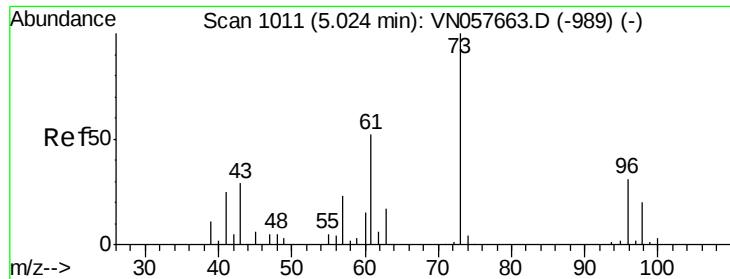
84 100

49 142.1 113.7 170.5

51 45.8 34.5 51.7

86 65.7 48.6 73.0

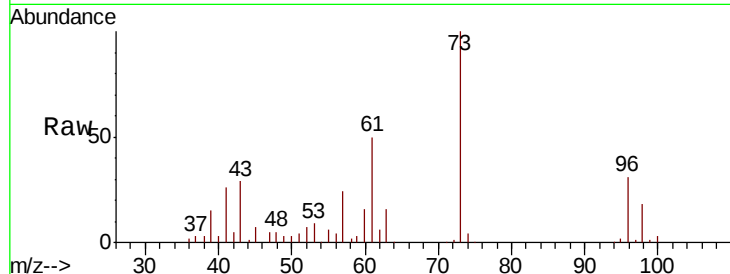




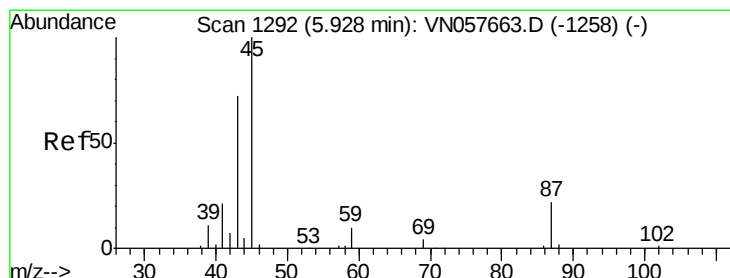
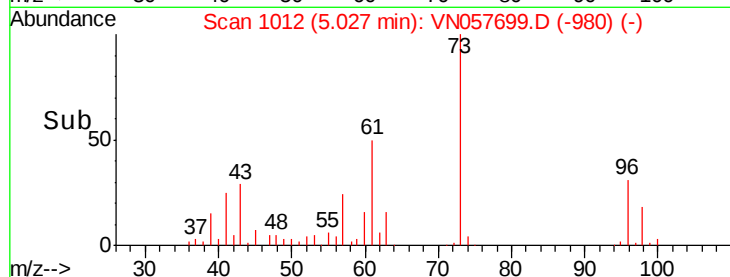
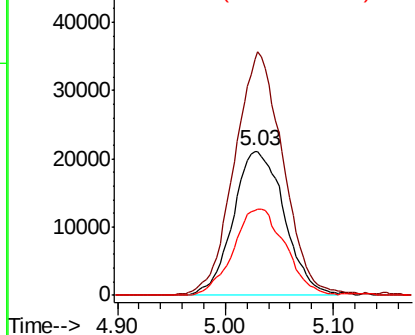
#19
trans-1,2-Dichloroethene
Concen: 20.446 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

Tgt Ion: 96 Resp: 69414
Ion Ratio Lower Upper
96 100
61 162.0 133.4 200.0
98 59.3 50.4 75.6

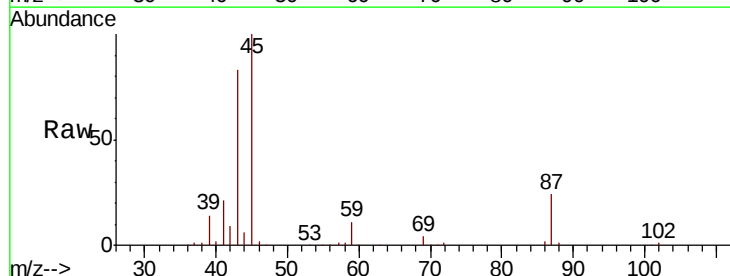


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

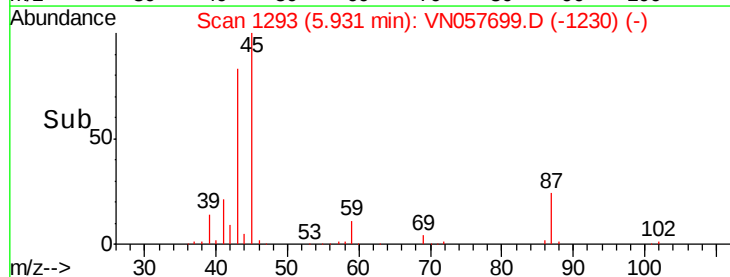
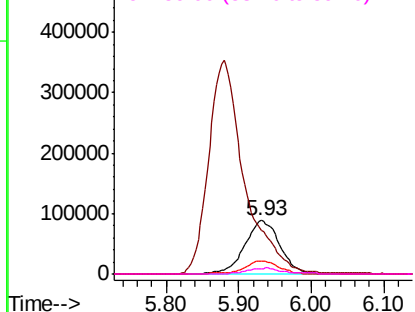


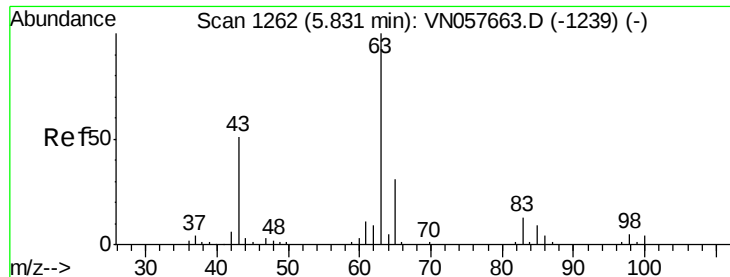
#20
Diisopropyl ether
Concen: 20.232 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 45 Resp: 298843
Ion Ratio Lower Upper
45 100
43 80.6 58.3 87.5
87 23.6 18.5 27.7
59 10.2 7.7 11.5



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

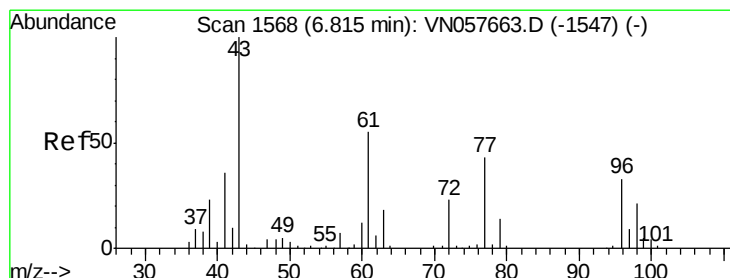
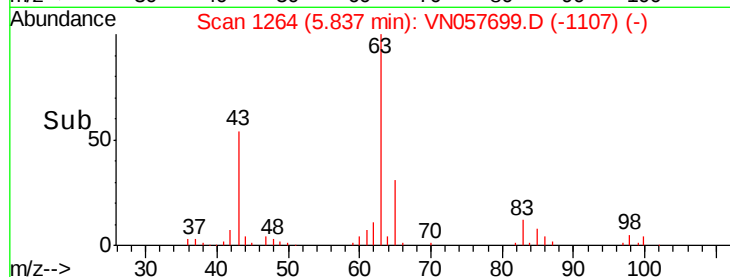
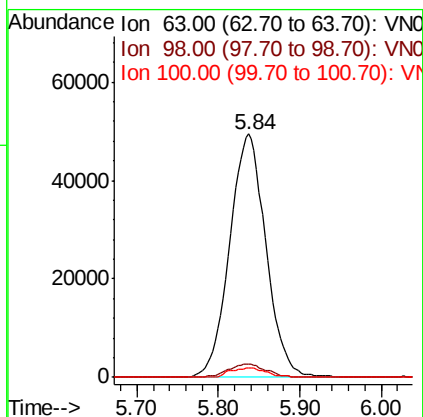
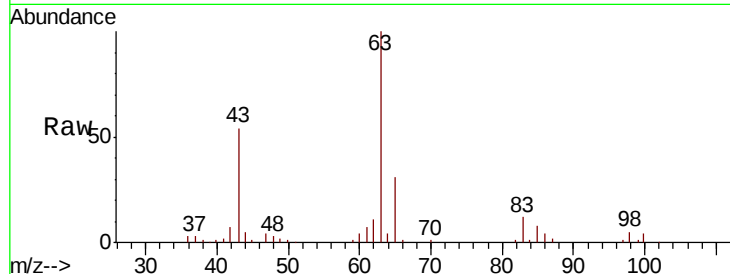




#21
 1,1-Dichloroethane
 Concen: 20.095 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

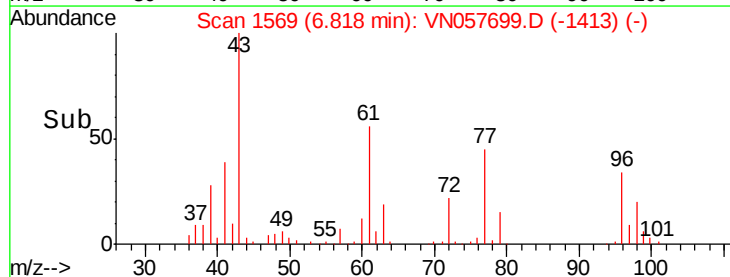
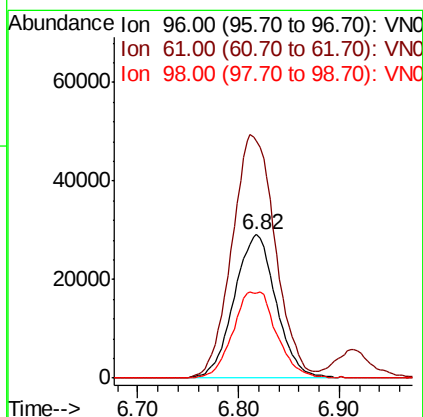
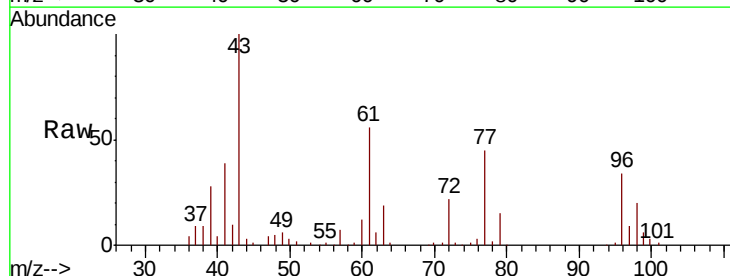
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

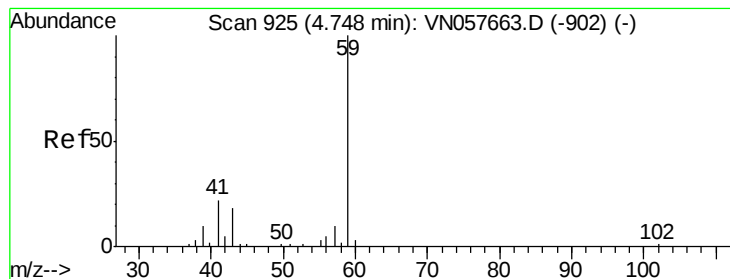
Tgt Ion: 63 Resp: 152993
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.6 7.8
 100 4.0 1.8 5.5



#22
 cis-1,2-Dichloroethene
 Concen: 20.294 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 96 Resp: 84156
 Ion Ratio Lower Upper
 96 100
 61 175.2 137.2 205.8
 98 35.5 50.5 75.7#



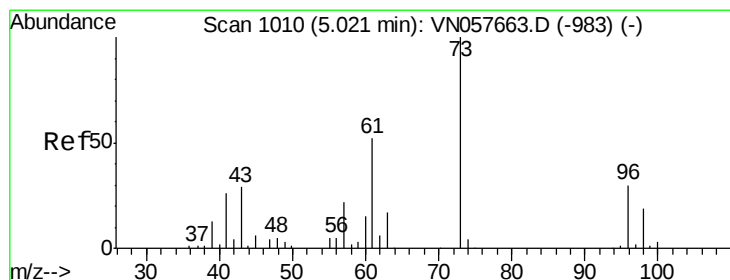
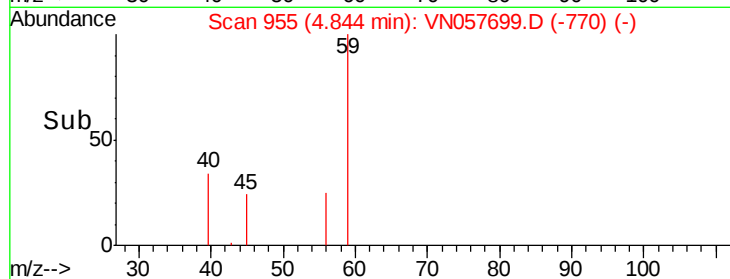
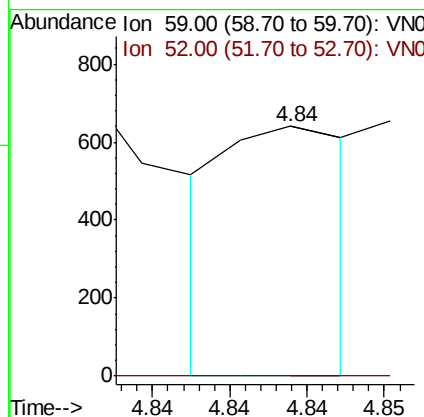
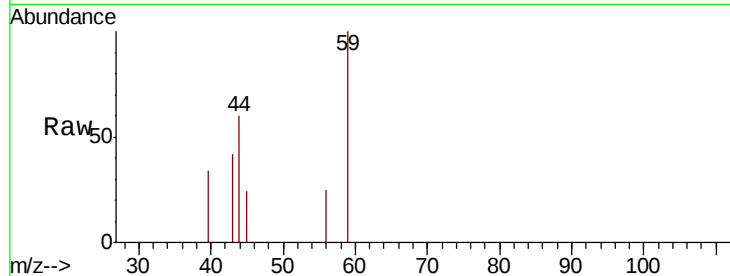


#23

tert-Butyl Alcohol
 Concen: 0.566 ug/l
 RT: 4.84 min Scan# 955
 Delta R.T. 0.10 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

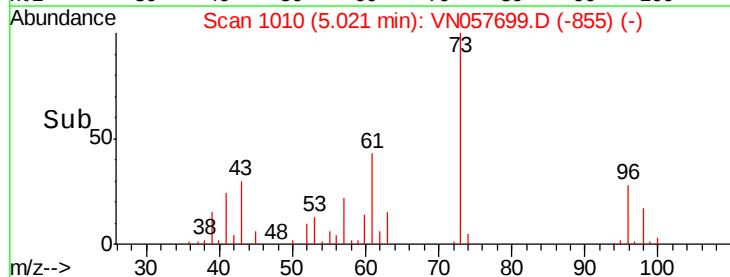
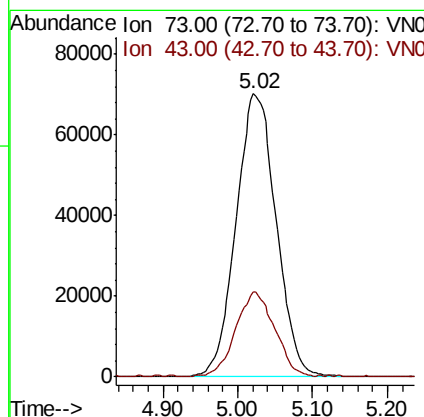
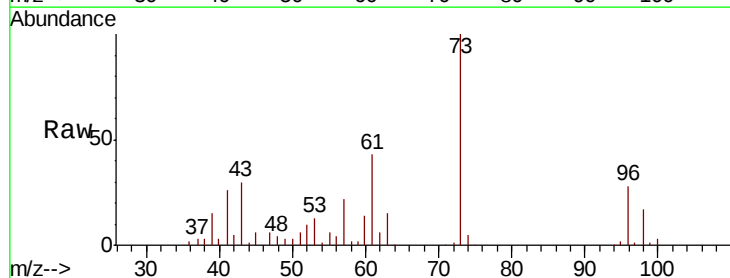
Tgt Ion: 59 Resp: 359
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

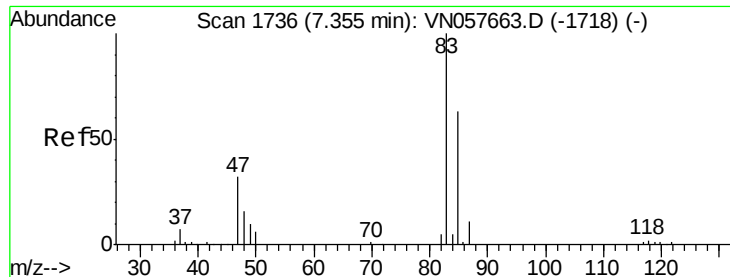


#24

Methyl tert-Butyl Ether
 Concen: 20.535 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 73 Resp: 261877
 Ion Ratio Lower Upper
 73 100
 43 29.0 23.2 34.8

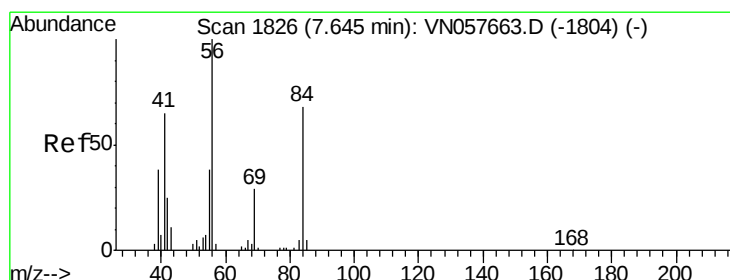
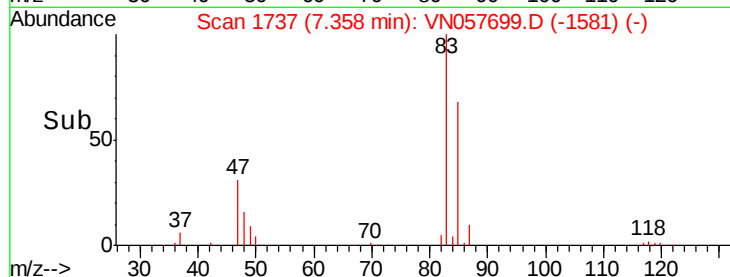
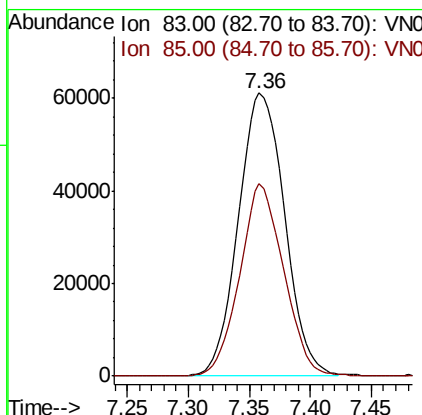
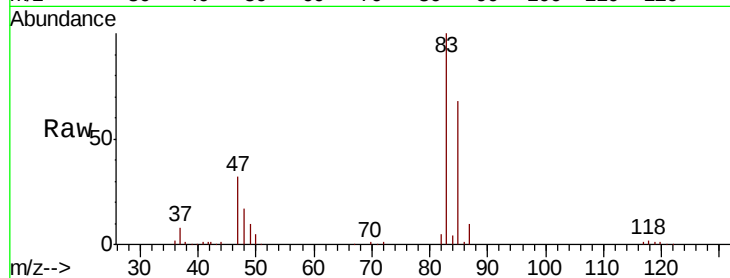




#25
Chloroform
Concen: 20.381 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

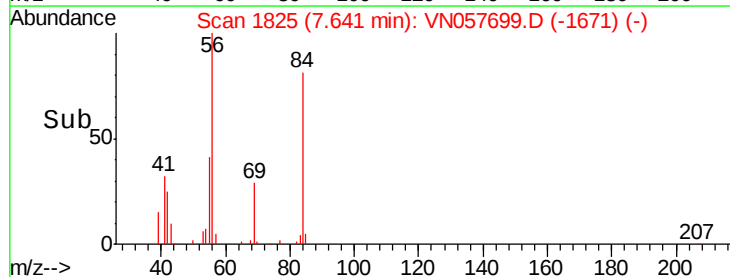
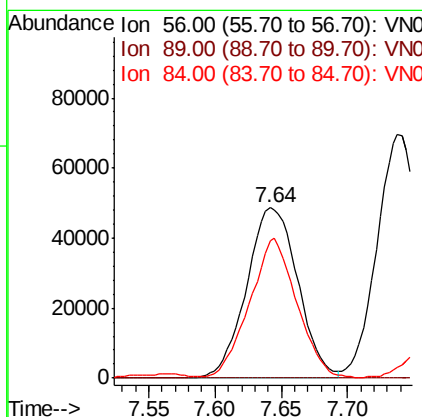
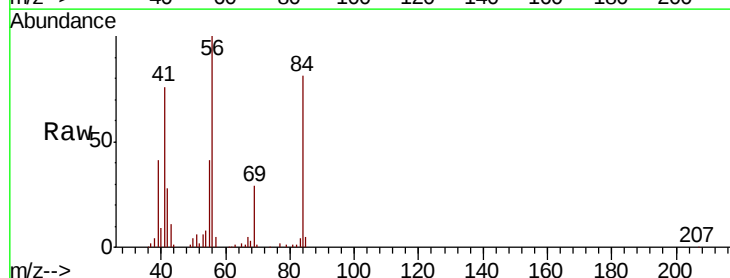
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

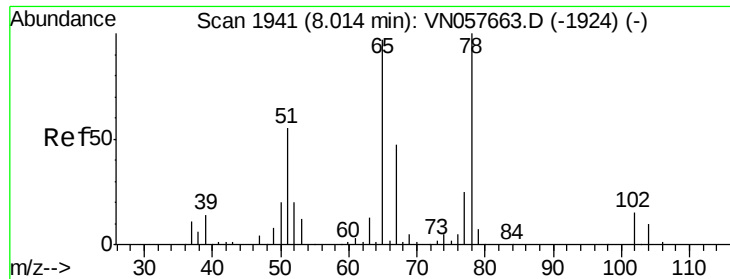
Tgt Ion: 83 Resp: 160847
Ion Ratio Lower Upper
83 100
85 68.0 50.8 76.2



#26
Cyclohexane
Concen: 20.261 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 56 Resp: 131351
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 74.8 60.4 90.6

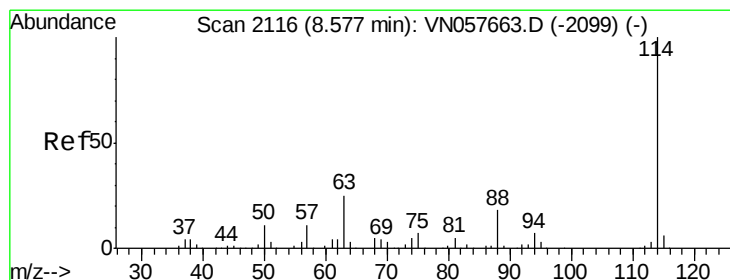
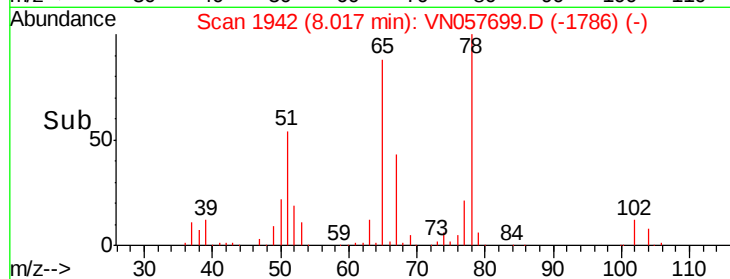
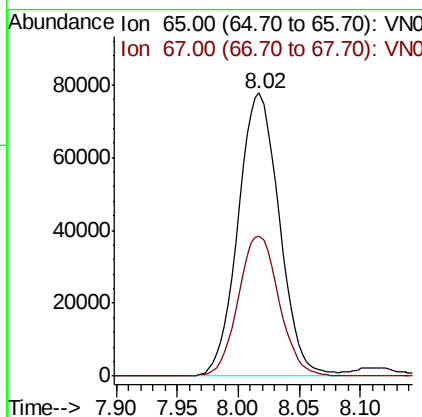
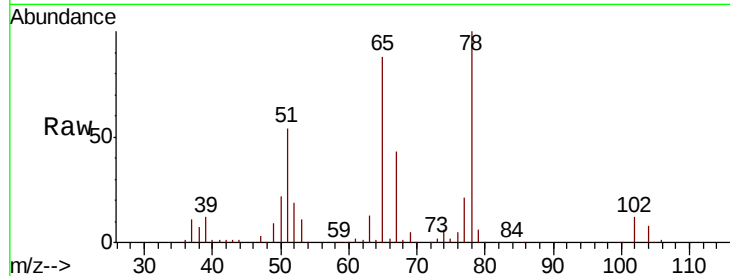




#27
 1,2-Dichloroethane-d4
 Concen: 30.096 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

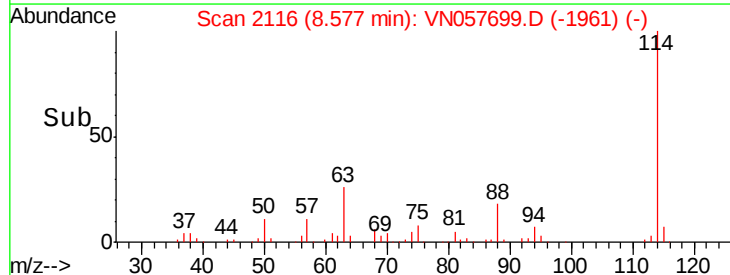
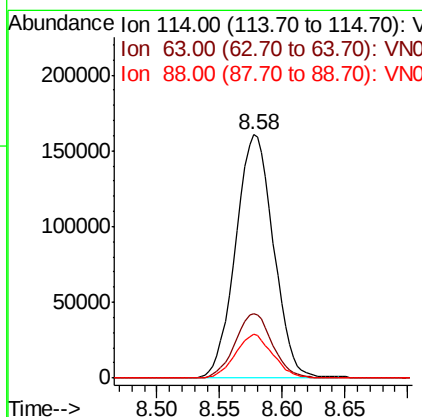
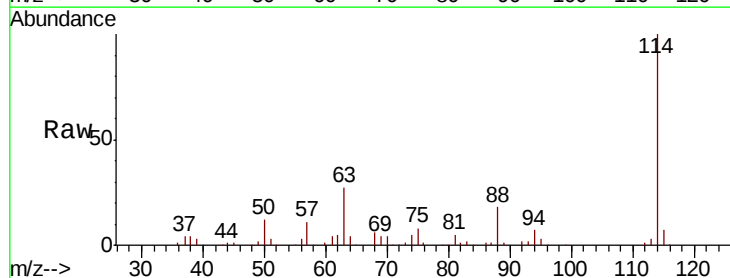
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

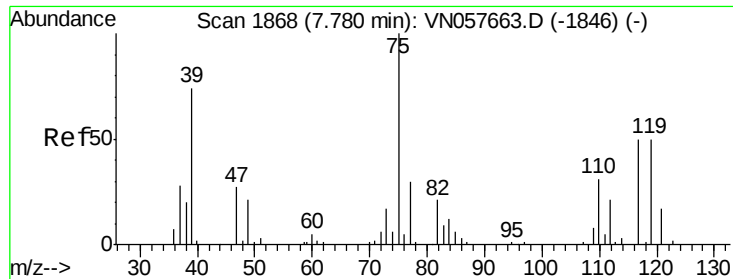
Tgt Ion: 65 Resp: 182007
 Ion Ratio Lower Upper
 65 100
 67 48.9 38.6 57.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 114 Resp: 337783
 Ion Ratio Lower Upper
 114 100
 63 26.3 20.6 30.8
 88 17.7 14.3 21.5

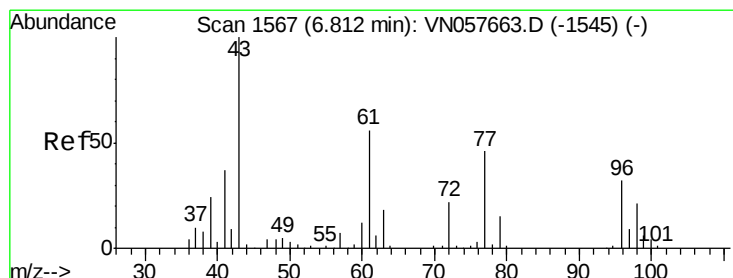
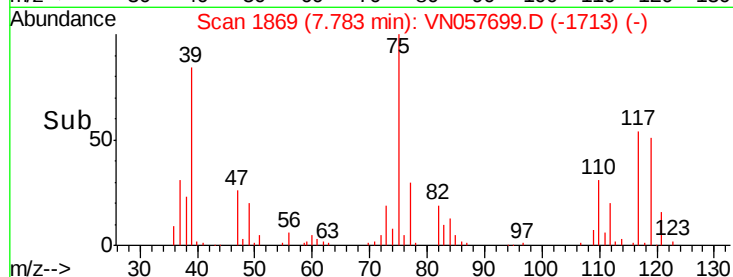
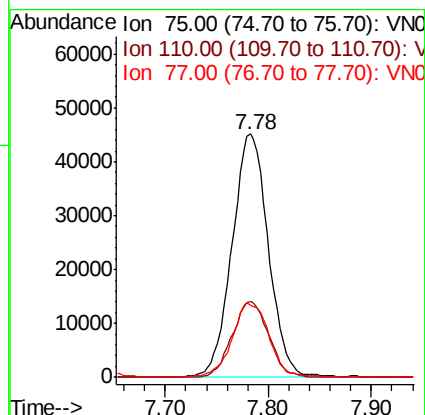
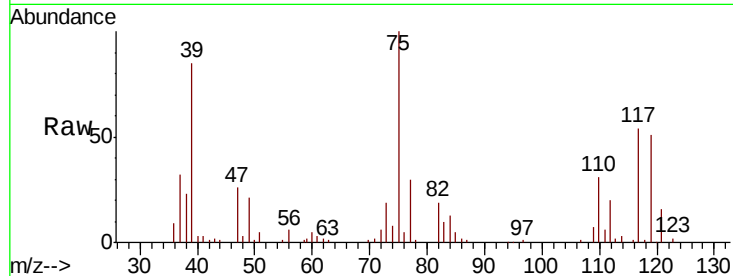




#29
 1,1-Dichloropropene
 Concen: 20.511 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

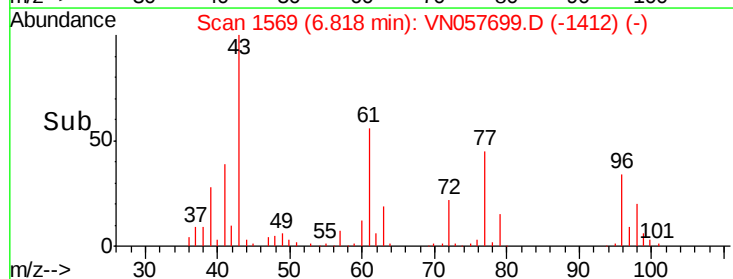
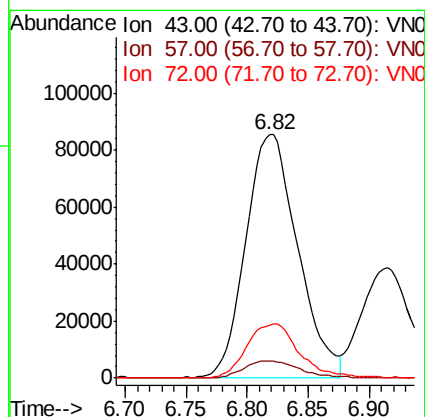
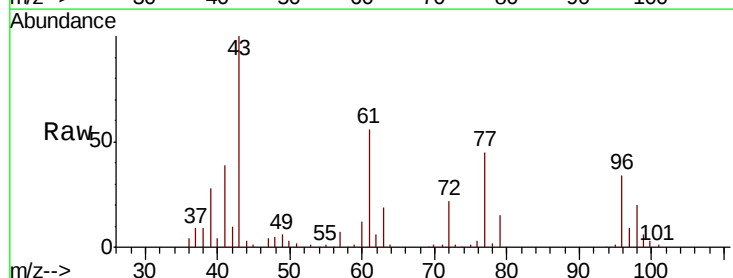
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

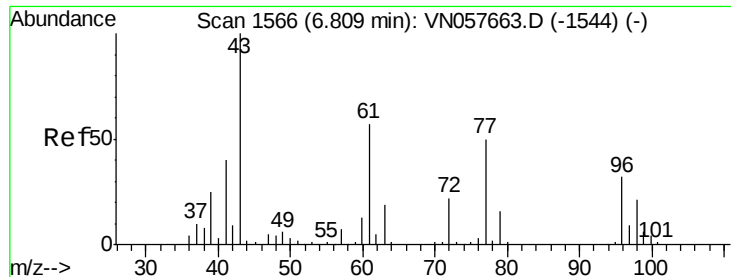
Tgt Ion: 75 Resp: 110635
 Ion Ratio Lower Upper
 75 100
 110 31.3 0.0 62.8
 77 30.8 0.0 57.8



#30
 2-Butanone
 Concen: 98.760 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 43 Resp: 251644
 Ion Ratio Lower Upper
 43 100
 57 7.7 2.6 3.8#
 72 22.4 18.1 27.1





#31

2,2-Dichloropropane

Concen: 20.236 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

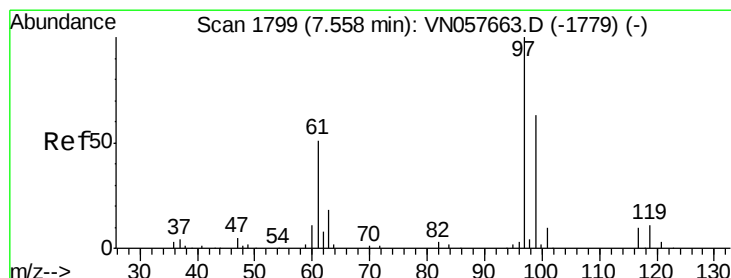
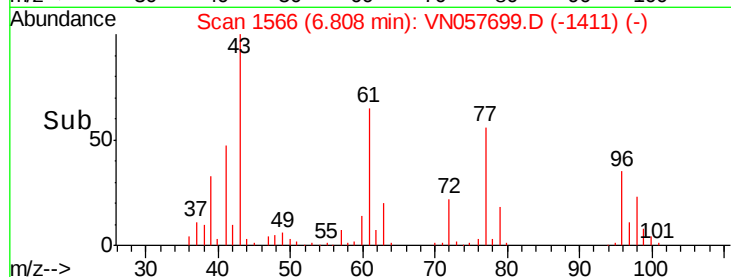
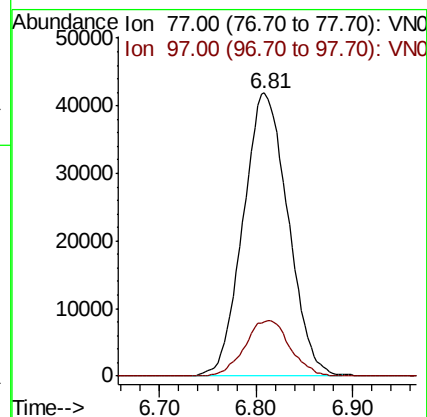
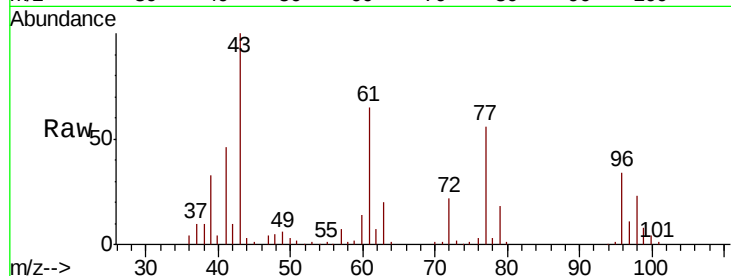
VN0905WBSD01

Tgt Ion: 77 Resp: 135089

Ion Ratio Lower Upper

77 100

97 19.7 8.8 13.2#



#32

1,1,1-Trichloroethane

Concen: 20.906 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

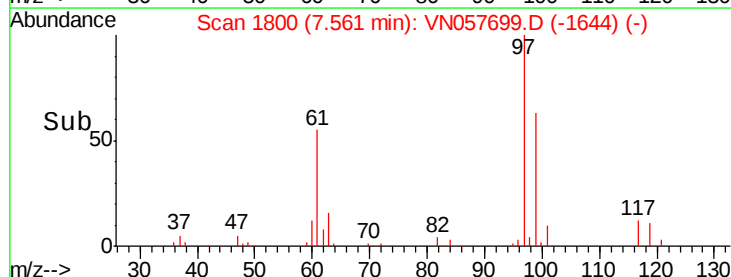
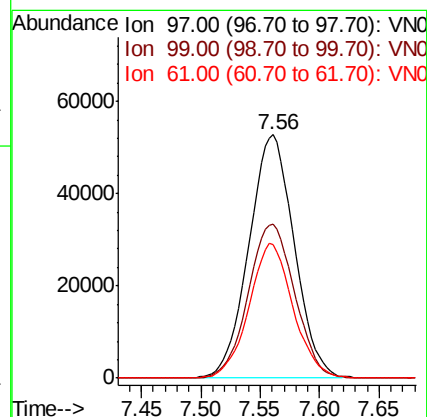
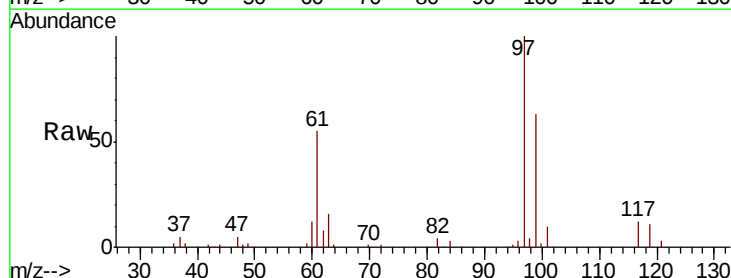
Tgt Ion: 97 Resp: 139607

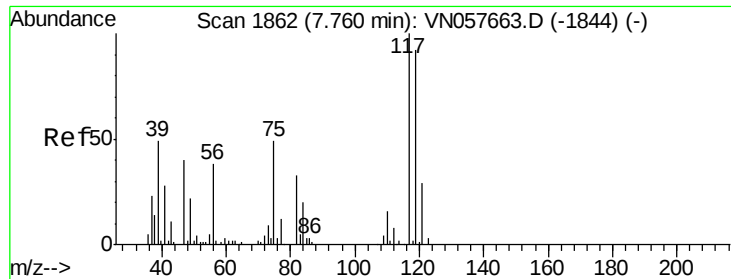
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 53.5 41.4 62.0

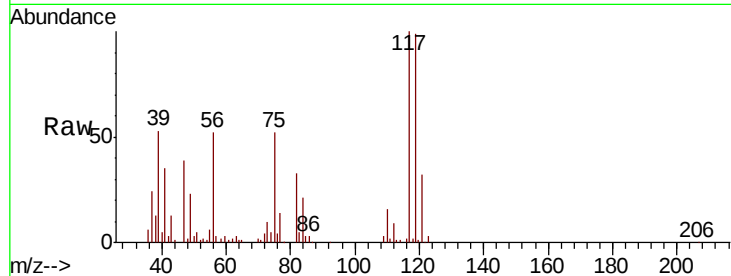




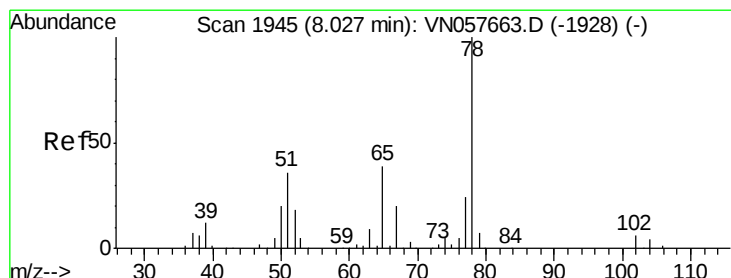
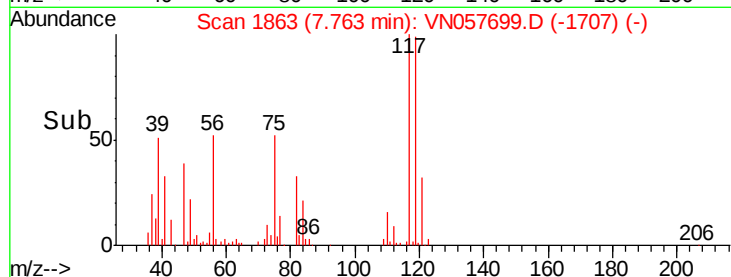
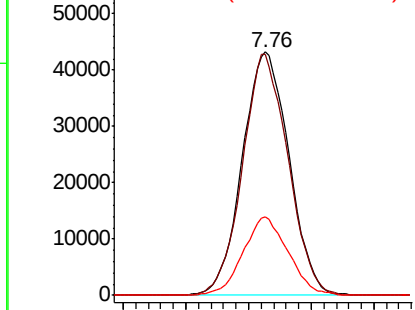
#33
Carbon Tetrachloride
Concen: 20.616 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

Tgt Ion: 117 Resp: 111799
Ion Ratio Lower Upper
117 100
119 99.3 73.3 109.9
121 32.1 23.3 34.9

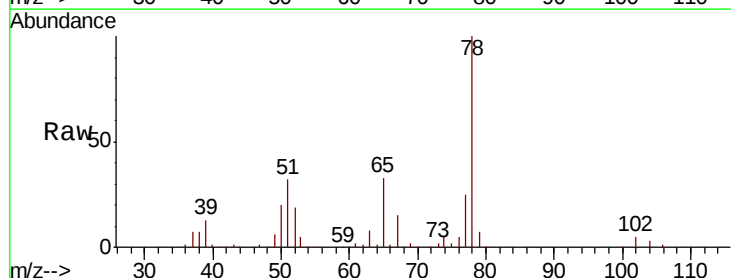


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

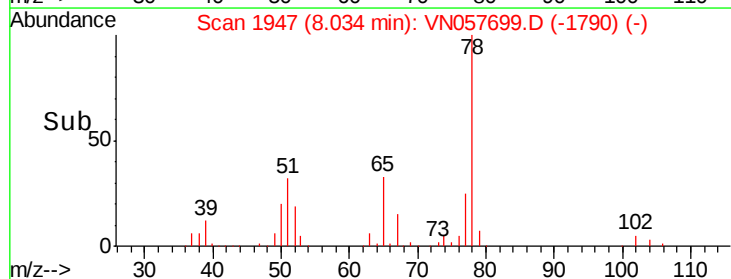
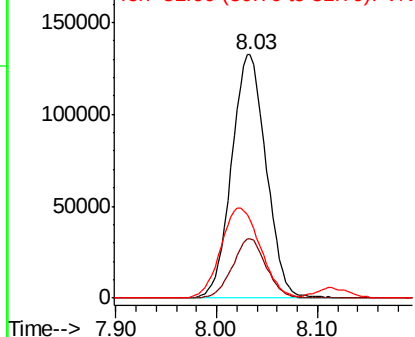


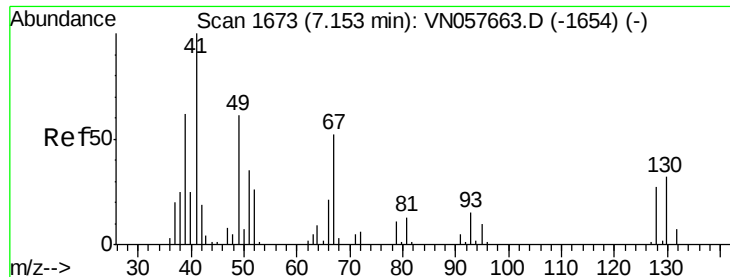
#34
Benzene
Concen: 20.318 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.01 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 78 Resp: 314809
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2
51 31.7 29.0 43.6



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

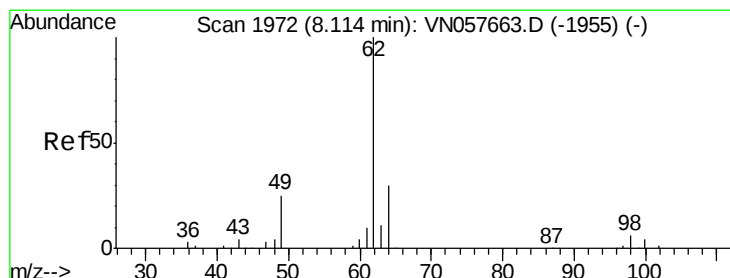
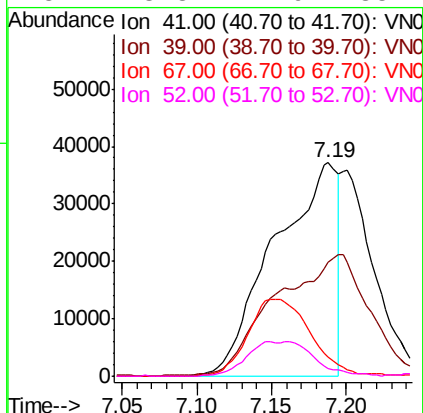
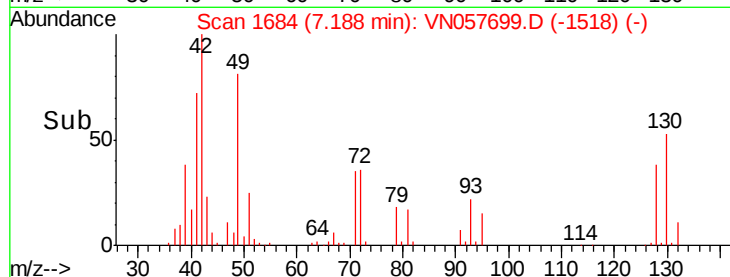
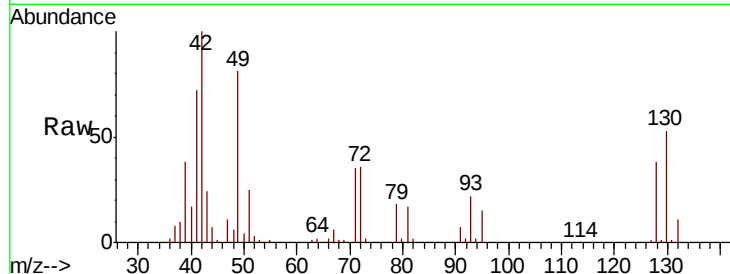




#35
Methacrylonitrile
Concen: 46.563 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.04 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

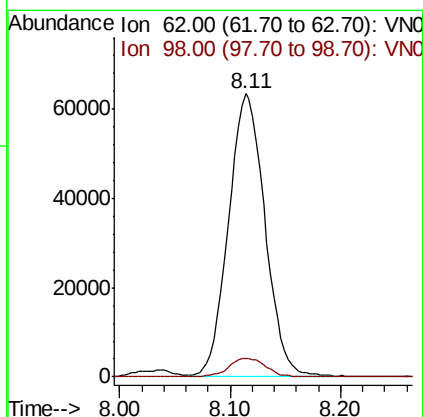
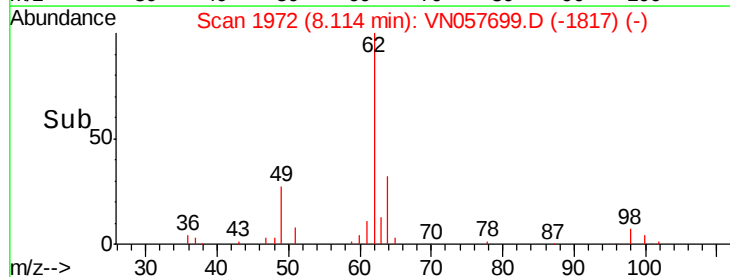
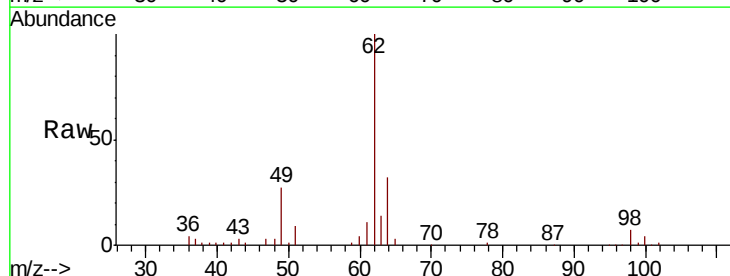
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

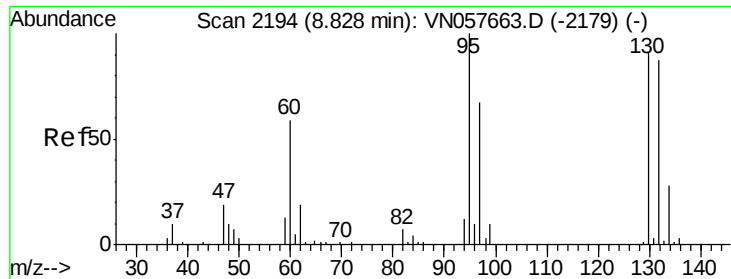
Tgt Ion: 41 Resp: 108688
Ion Ratio Lower Upper
41 100
39 52.8 31.0 93.0
67 8.7 25.9 77.7#
52 3.8 12.9 38.7#



#36
1,2-Dichloroethane
Concen: 20.921 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 62 Resp: 144454
Ion Ratio Lower Upper
62 100
98 6.7 0.0 0.0#

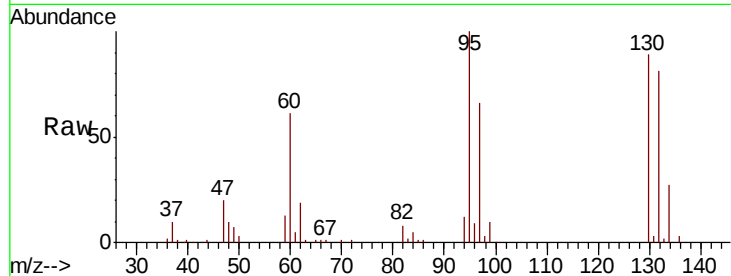




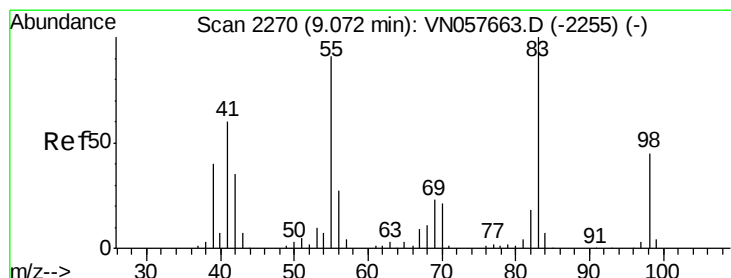
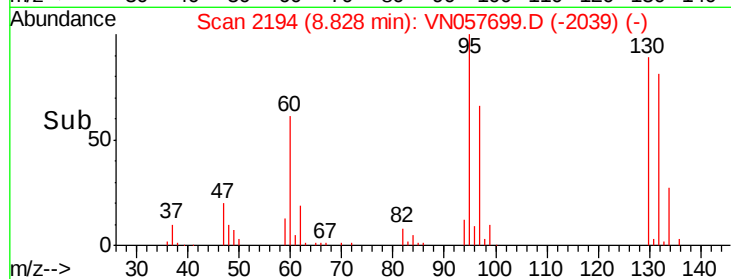
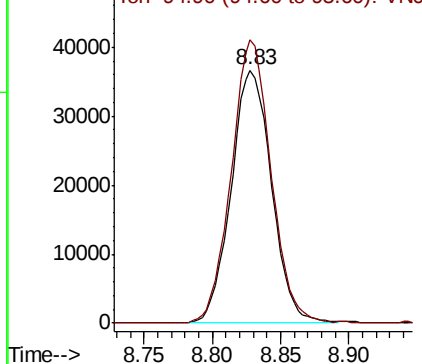
#37
 Trichloroethene
 Concen: 20.542 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

Tgt Ion: 130 Resp: 75577
 Ion Ratio Lower Upper
 130 100
 95 111.5 87.5 131.3

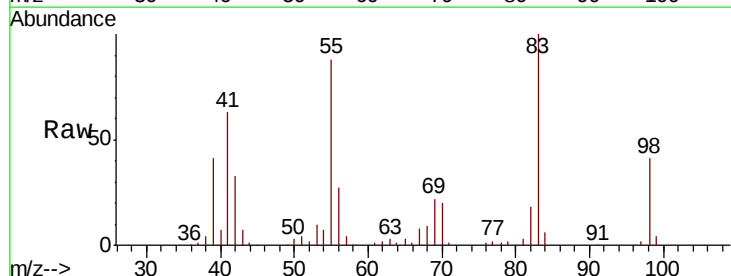


Abundance Ion 129.90 (129.60 to 130.60): VN057663.D (-2179) (-)
 Ion 94.90 (94.60 to 95.60): VN057663.D (-2179) (-)

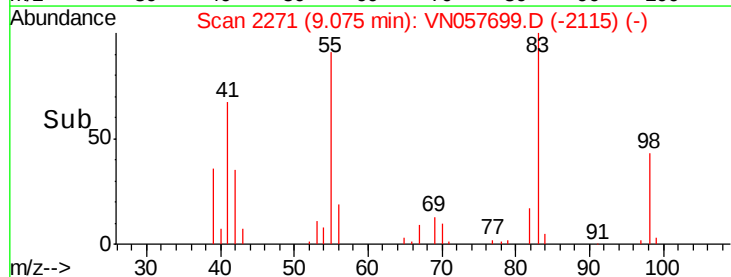
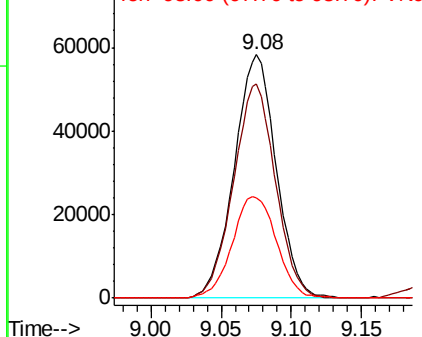


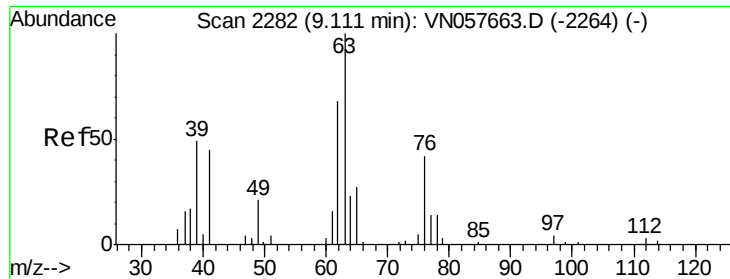
#38
 Methylcyclohexane
 Concen: 20.266 ug/l
 RT: 9.08 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 83 Resp: 121301
 Ion Ratio Lower Upper
 83 100
 55 88.0 45.1 135.3
 98 44.0 22.5 67.5



Abundance Ion 83.00 (82.70 to 83.70): VN057663.D (-2255) (-)
 Ion 55.00 (54.70 to 55.70): VN057663.D (-2255) (-)
 Ion 98.00 (97.70 to 98.70): VN057663.D (-2255) (-)





#39

1,2-Dichloropropane

Concen: 20.543 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

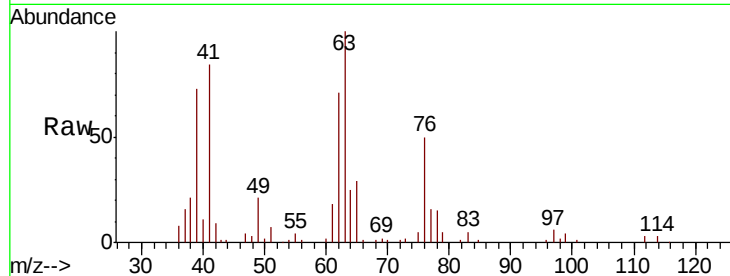
VN0905WBSD01

Tgt Ion: 63 Resp: 87037

Ion Ratio Lower Upper

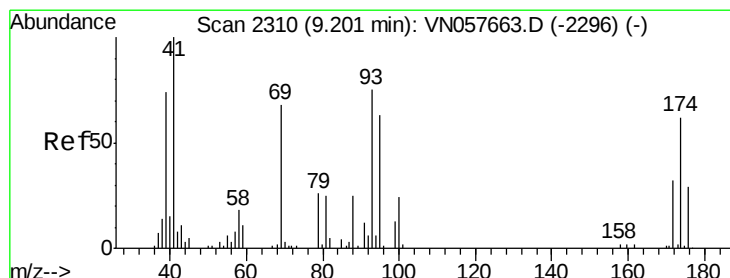
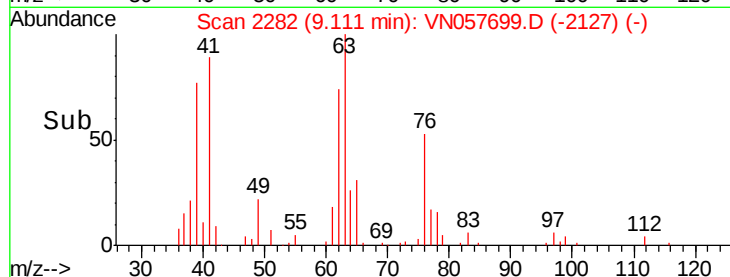
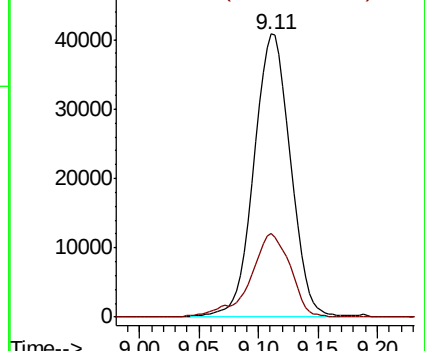
63 100

65 29.4 22.2 33.2



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 20.354 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

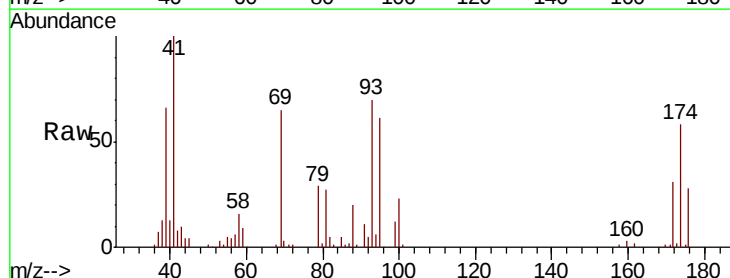
Tgt Ion: 93 Resp: 55903

Ion Ratio Lower Upper

93 100

95 85.4 0.0 168.2

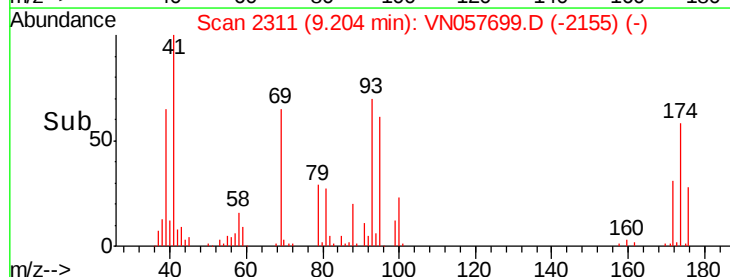
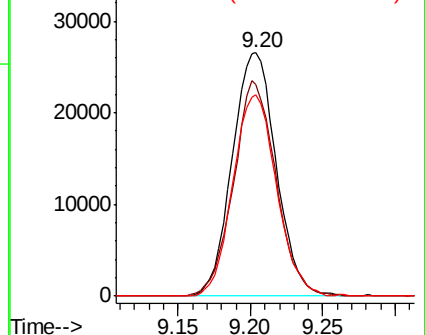
174 82.1 0.0 169.2

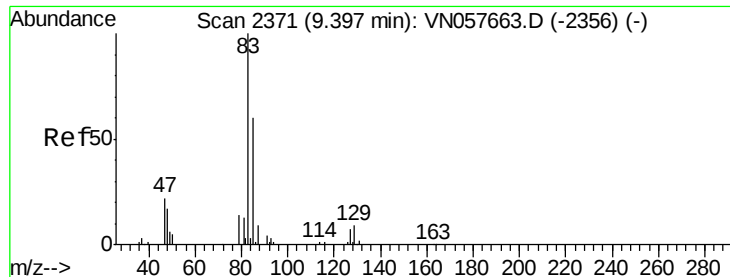


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.183 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBSD01

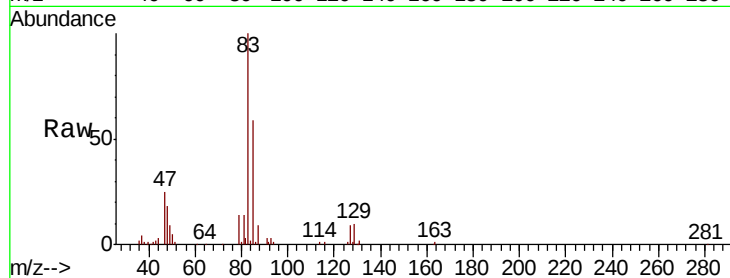
Tgt Ion: 83 Resp: 119814

Ion Ratio Lower Upper

83 100

85 58.7 48.2 72.4

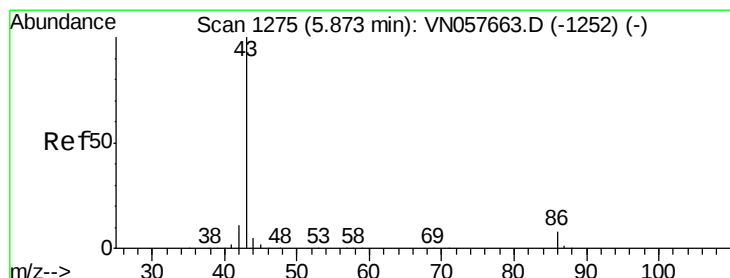
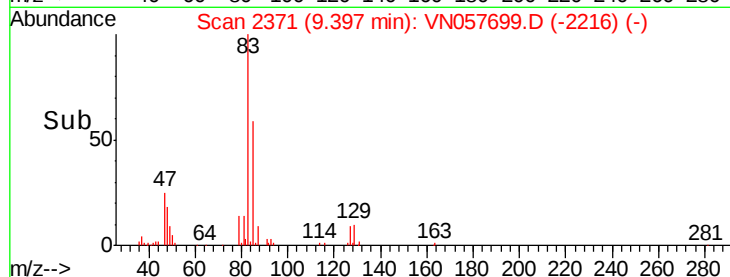
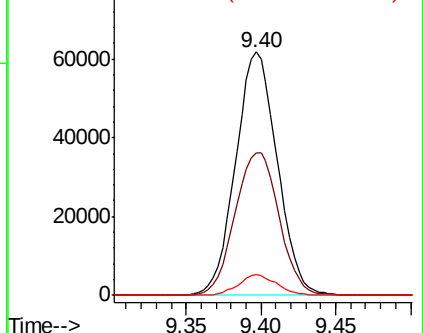
127 8.7 5.3 7.9#



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: 107.627 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VN057699.D

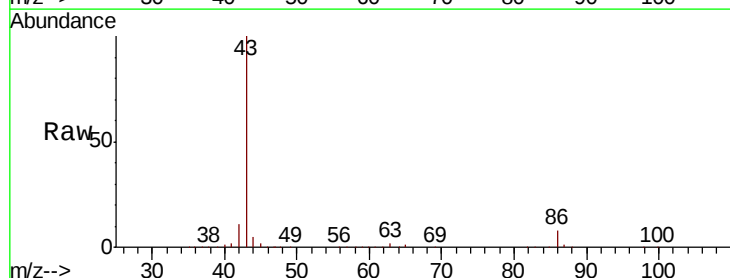
Acq: 5 Sep 2019 12:31

Tgt Ion: 43 Resp: 1205353

Ion Ratio Lower Upper

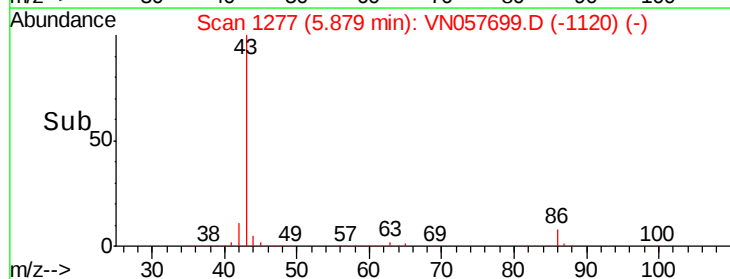
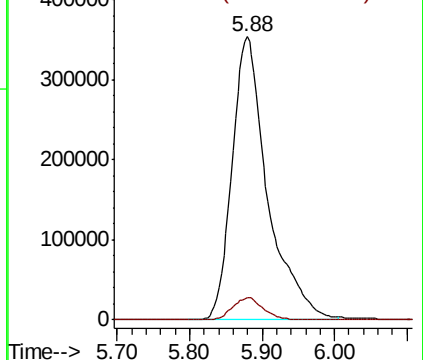
43 100

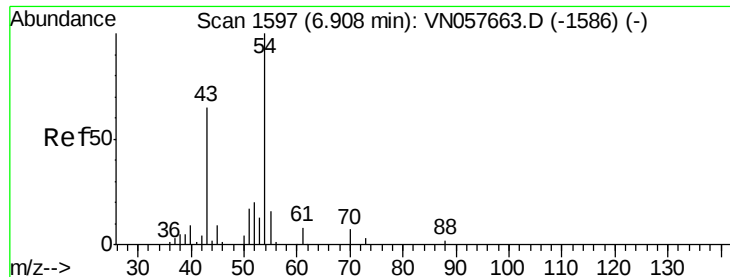
86 6.8 5.4 8.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

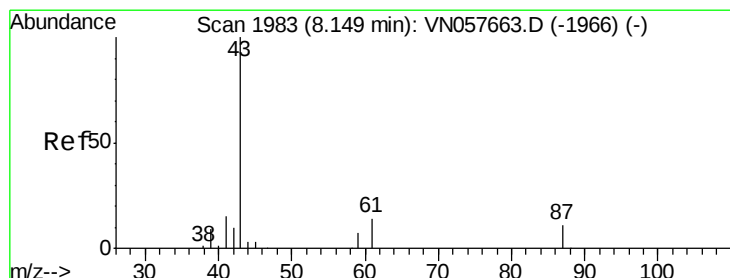
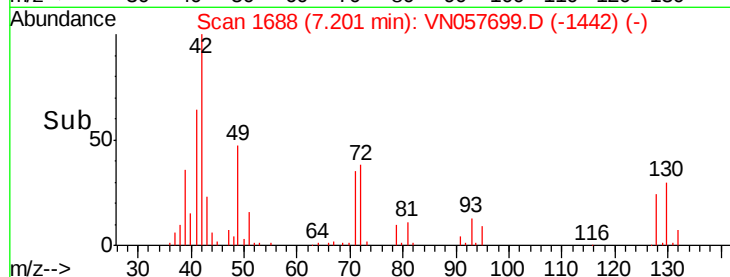
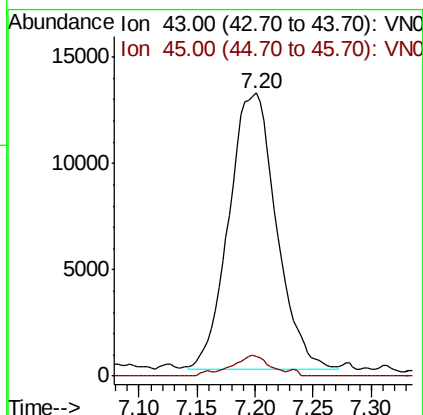
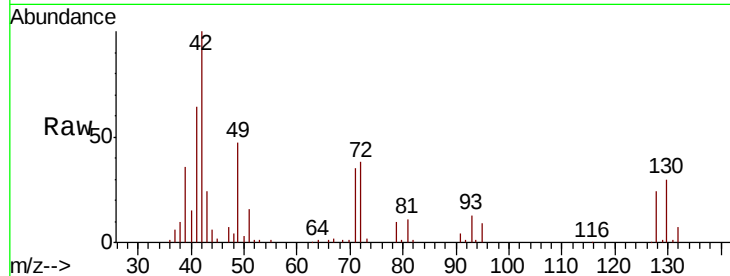




#43
Ethyl Acetate
Concen: 7.031 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.29 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

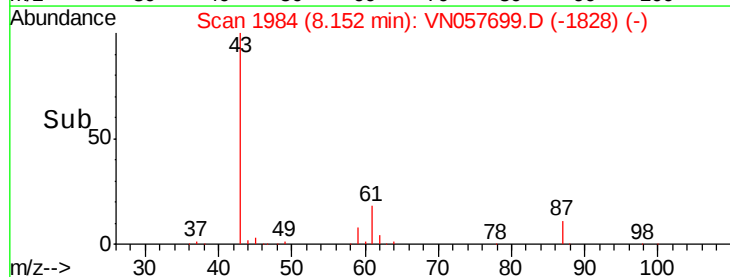
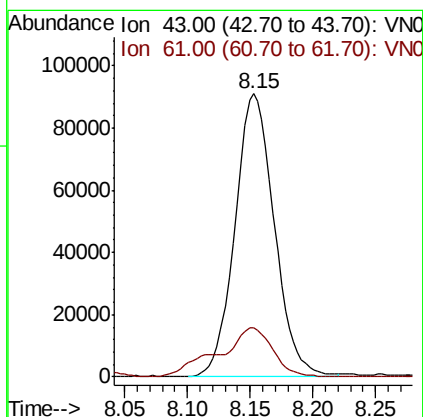
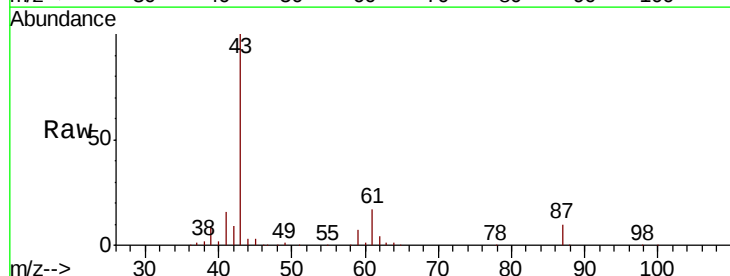
Instrument :
MSVOA_N
ClientSampled :
VN0905WBSD01

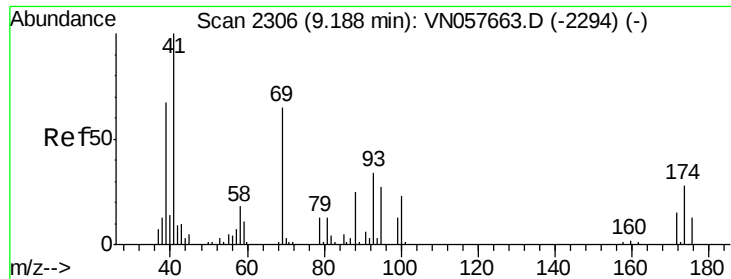
Tgt Ion: 43 Resp: 36890
Ion Ratio Lower Upper
43 100
45 5.6 5.0 7.6



#44
Isopropyl Acetate
Concen: 20.123 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 43 Resp: 197391
Ion Ratio Lower Upper
43 100
61 16.2 12.6 18.8

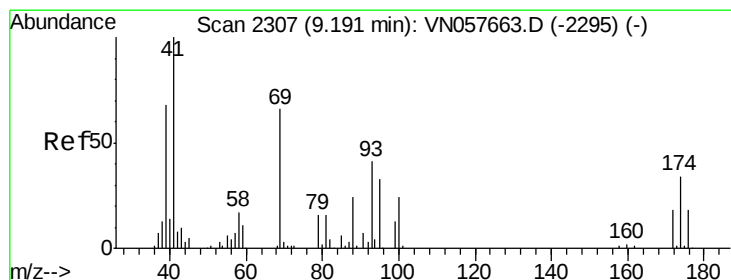
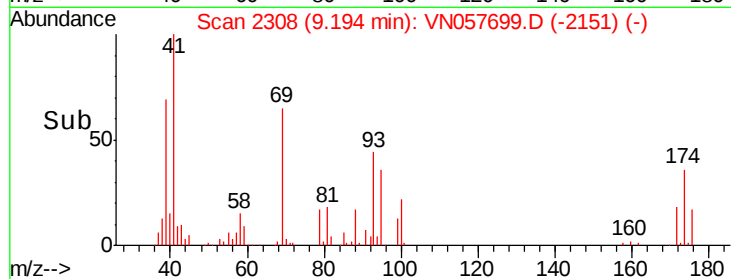
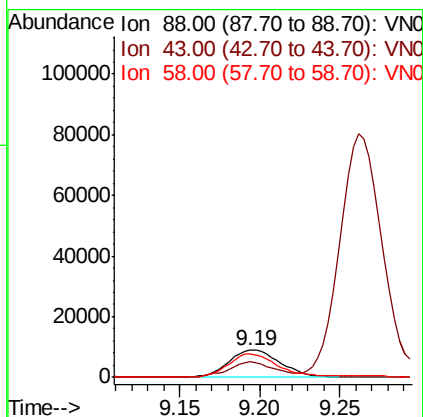
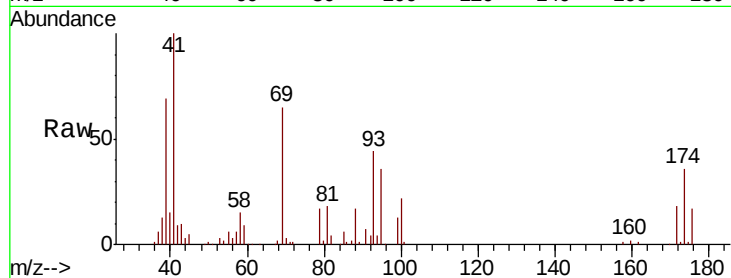




#45
 1,4-Dioxane
 Concen: 316.262 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

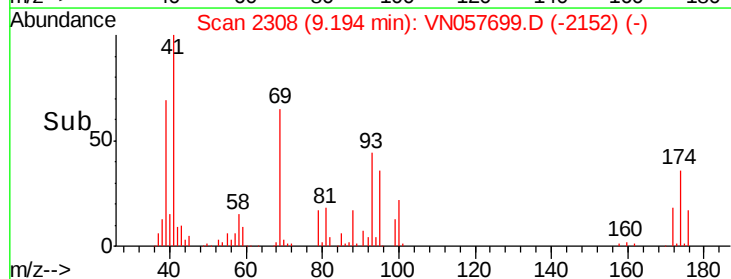
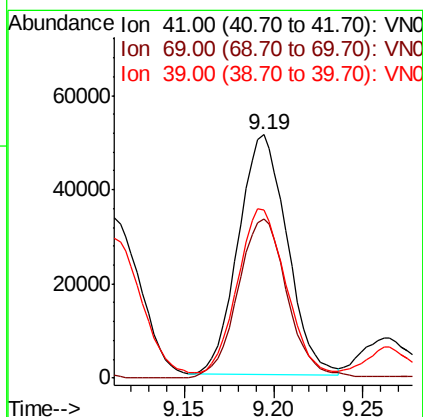
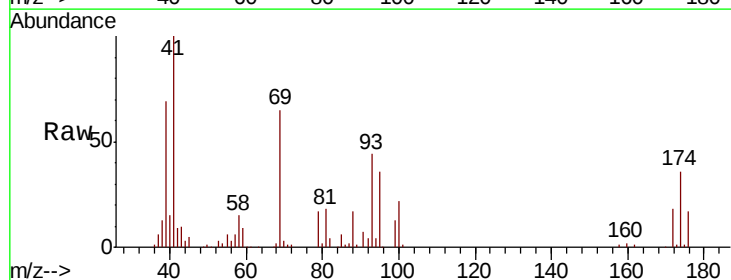
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0905WBSD01

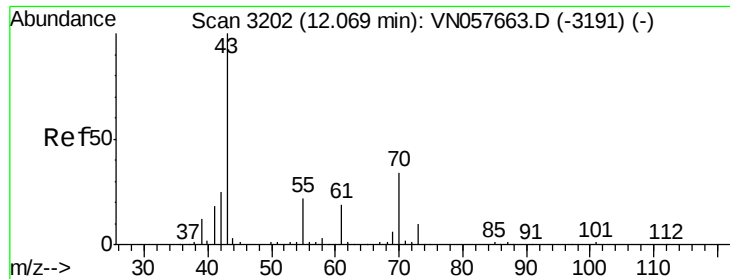
Tgt Ion: 88 Resp: 19915
 Ion Ratio Lower Upper
 88 100
 43 51.4 31.0 46.4#
 58 81.5 58.2 87.2



#46
 Methyl methacrylate
 Concen: 20.436 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 41 Resp: 97269
 Ion Ratio Lower Upper
 41 100
 69 66.6 33.1 99.2
 39 67.9 34.0 102.0

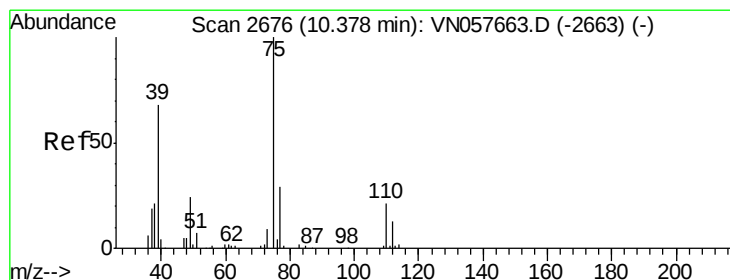
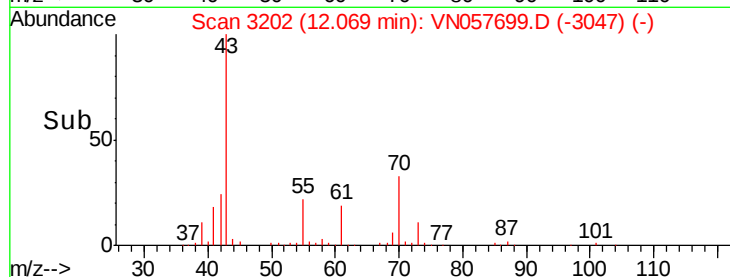
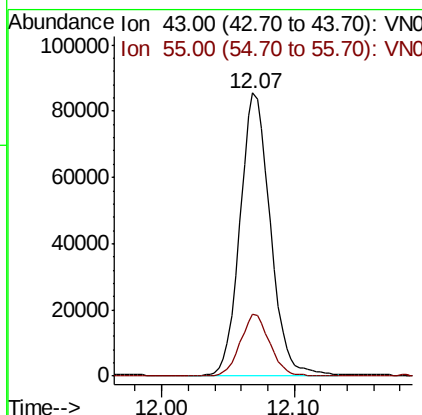
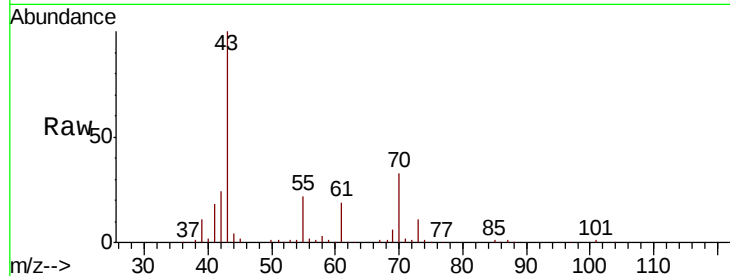




#47
n-amyl Acetate
Concen: 17.776 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

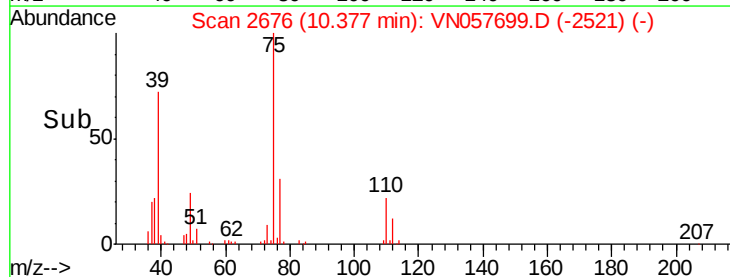
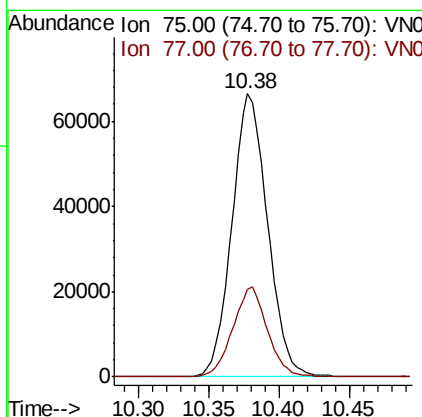
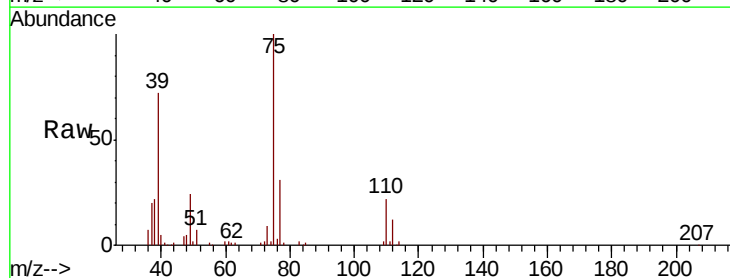
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

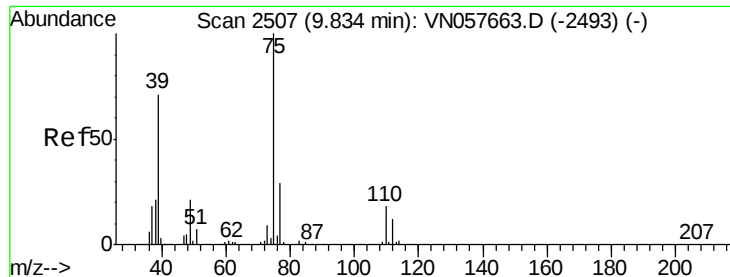
Tgt Ion: 43 Resp: 135230
Ion Ratio Lower Upper
43 100
55 21.3 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 18.930 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 75 Resp: 117872
Ion Ratio Lower Upper
75 100
77 31.0 23.1 34.7





#49

cis-1,3-Dichloropropene

Concen: 19.512 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBSD01

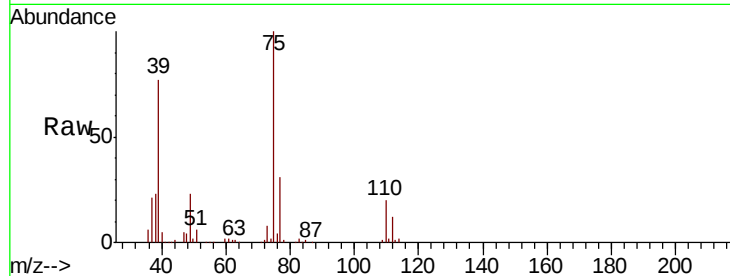
Tgt Ion: 75 Resp: 129629

Ion Ratio Lower Upper

75 100

77 31.1 23.4 35.2

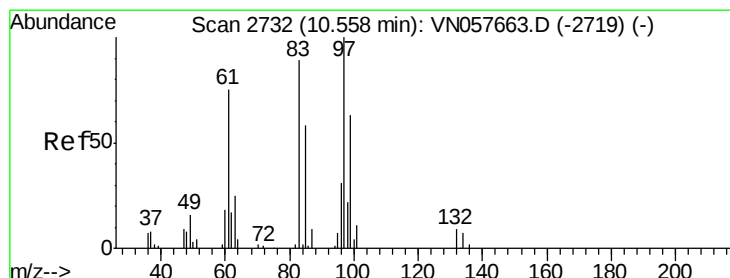
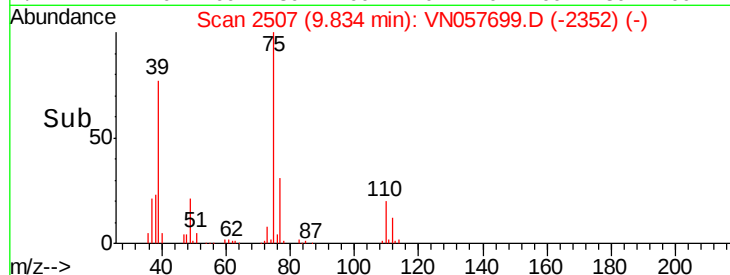
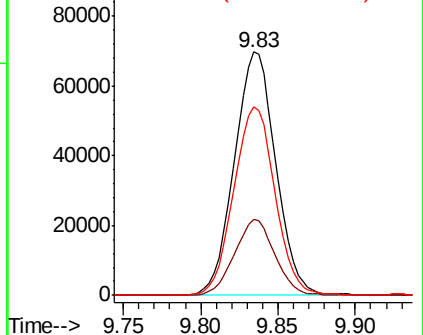
39 77.0 56.6 85.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane

Concen: 20.255 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Tgt Ion: 97 Resp: 75027

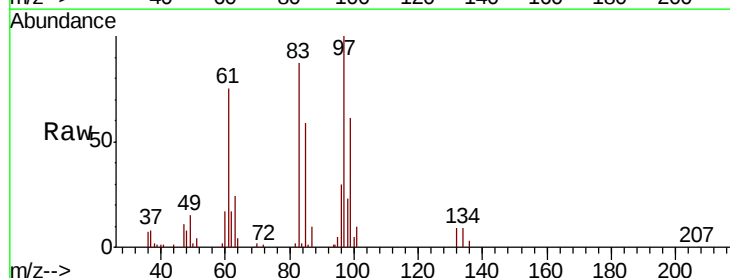
Ion Ratio Lower Upper

97 100

83 87.5 71.4 107.2

85 59.0 46.0 69.0

99 61.0 50.2 75.2

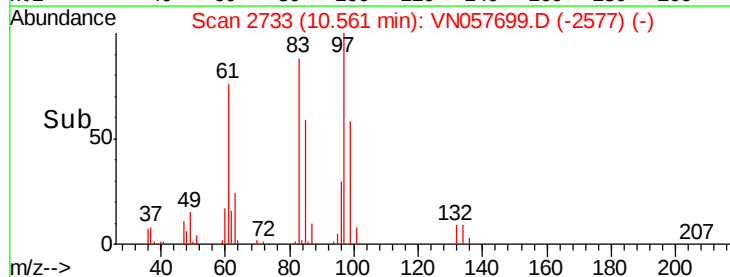
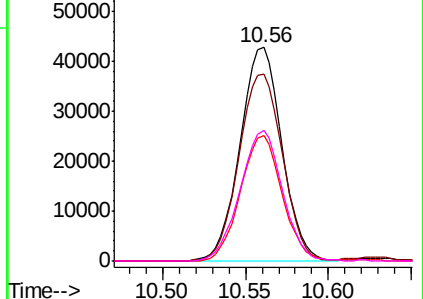


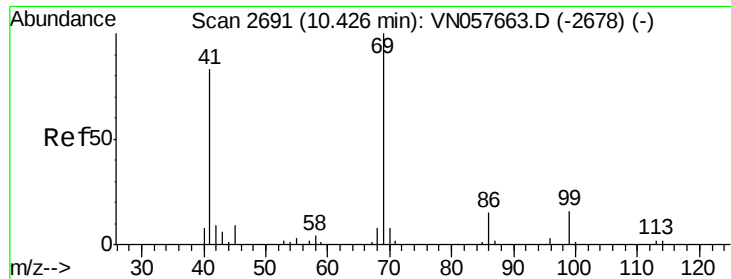
Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 18.764 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBSD01

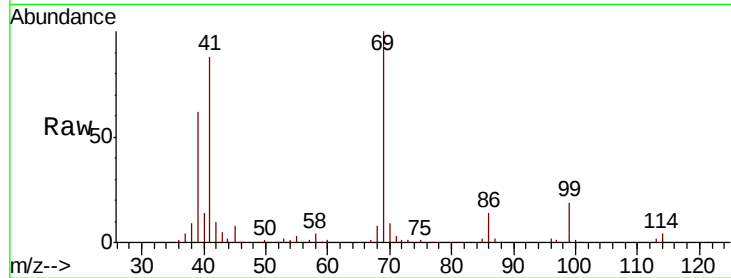
Tgt Ion: 69 Resp: 113306

Ion Ratio Lower Upper

69 100

41 87.0 41.5 124.5

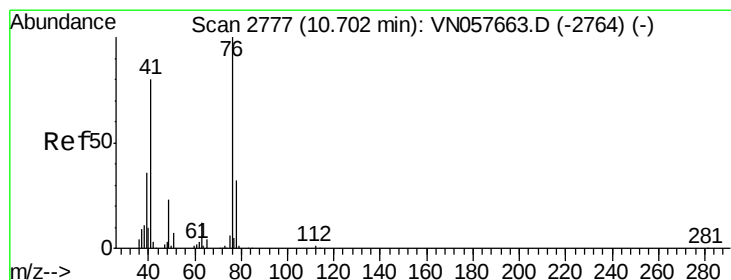
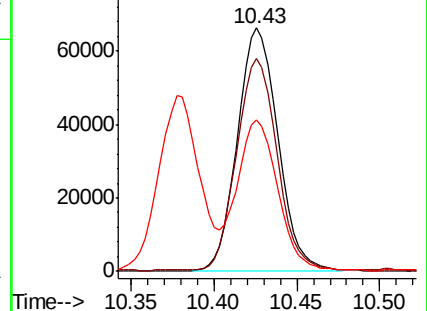
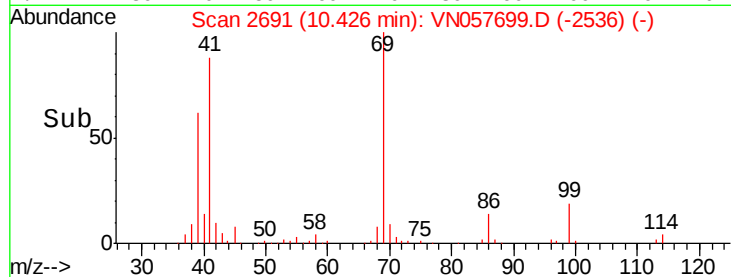
39 61.7 29.6 88.9



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: 20.458 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057699.D

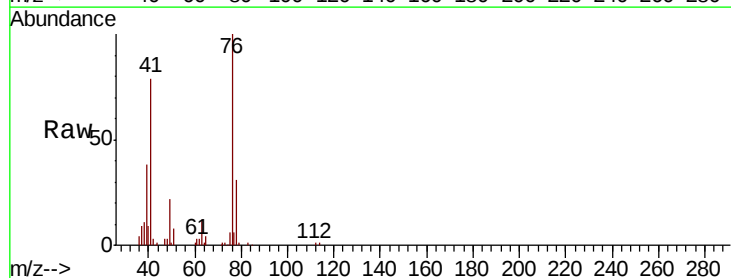
Acq: 5 Sep 2019 12:31

Tgt Ion: 76 Resp: 134879

Ion Ratio Lower Upper

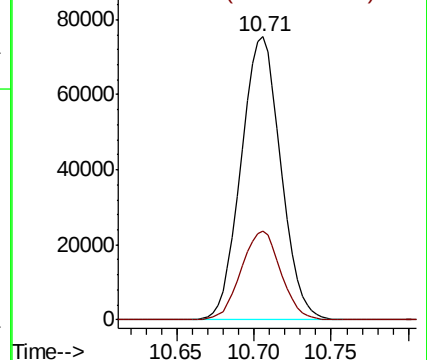
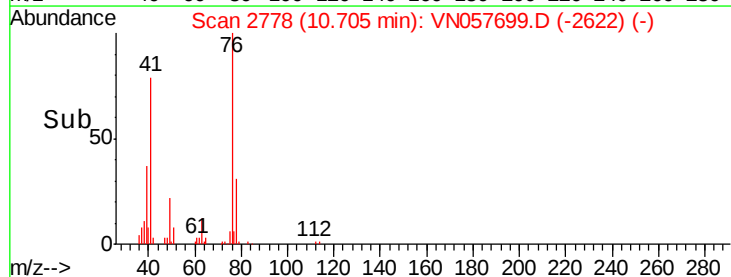
76 100

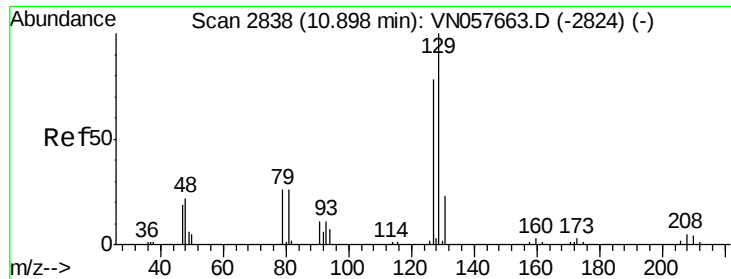
78 31.3 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

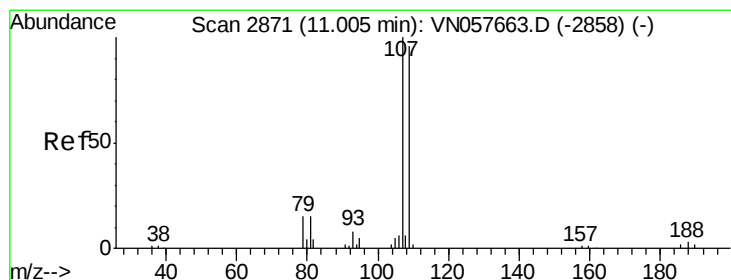
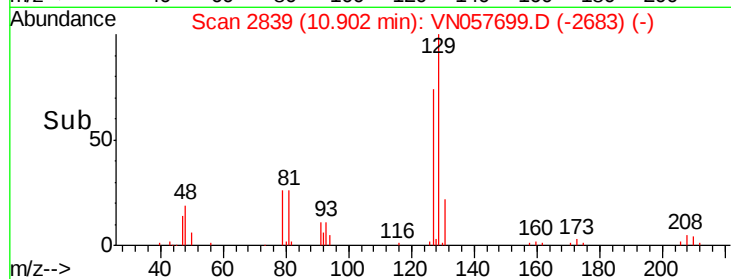
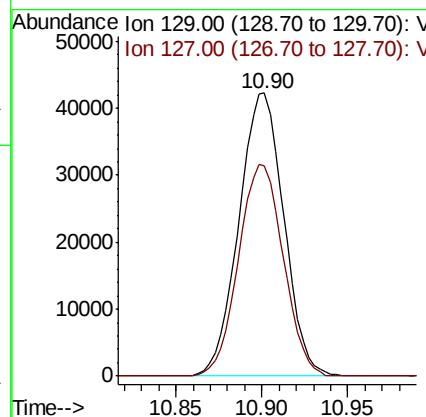
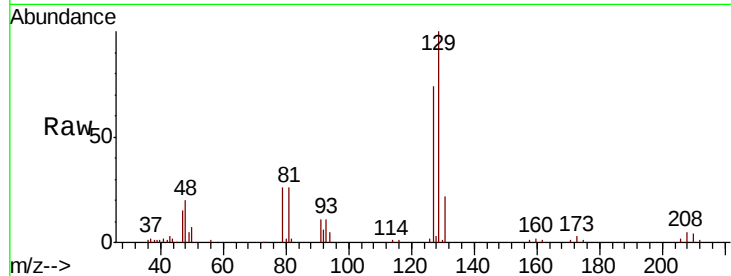




#53
 Dibromochloromethane
 Concen: 19.865 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

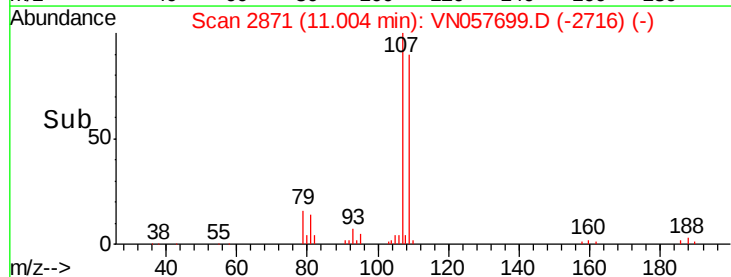
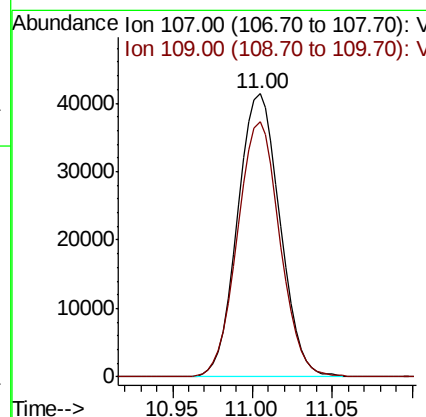
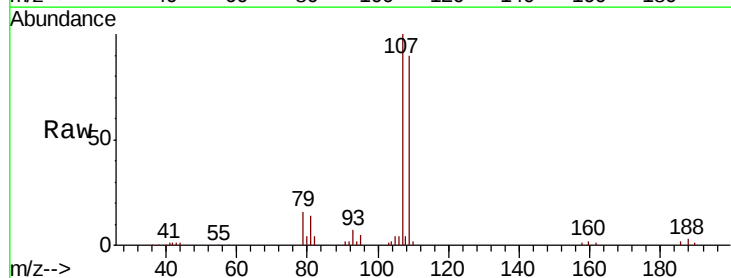
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

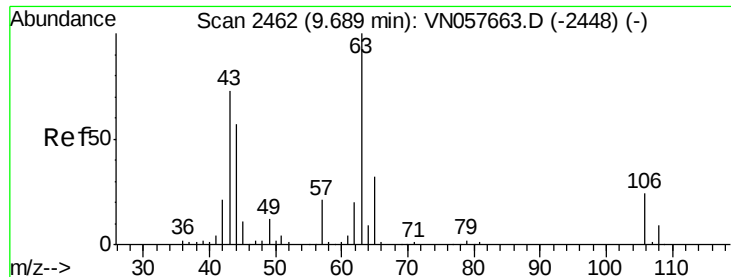
Tgt Ion:129 Resp: 76798
 Ion Ratio Lower Upper
 129 100
 127 74.5 39.1 117.3



#54
 1,2-Dibromoethane
 Concen: 20.141 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion:107 Resp: 74580
 Ion Ratio Lower Upper
 107 100
 109 90.3 76.2 114.4

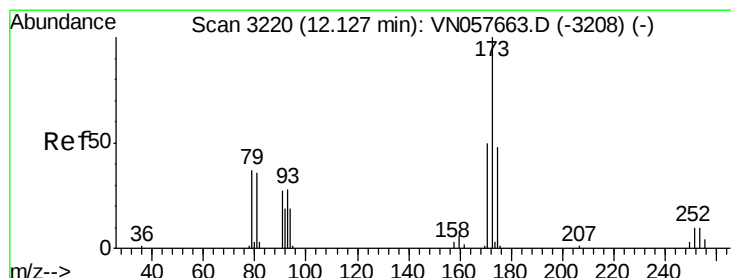
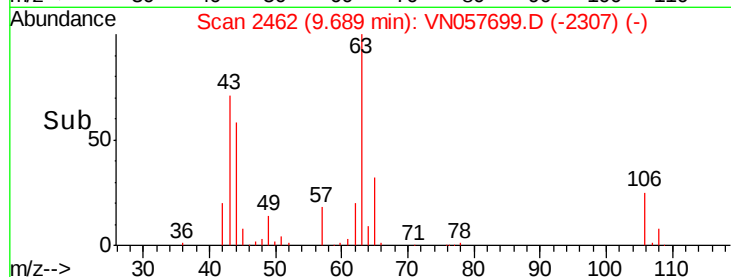
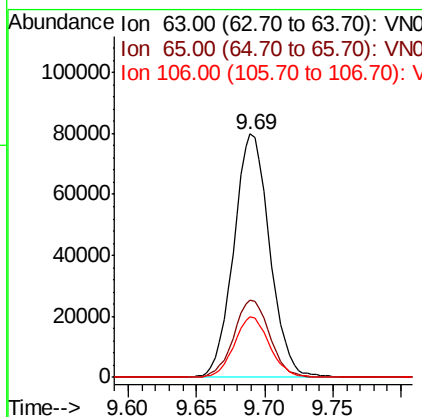
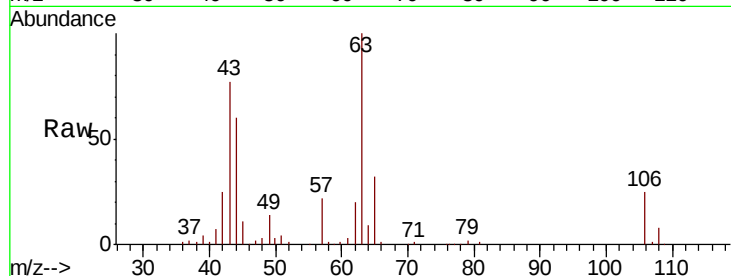




#55
 2-Chloroethyl vinyl ether
 Concen: 76.633 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

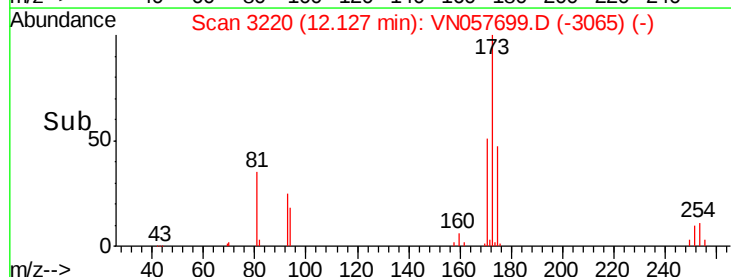
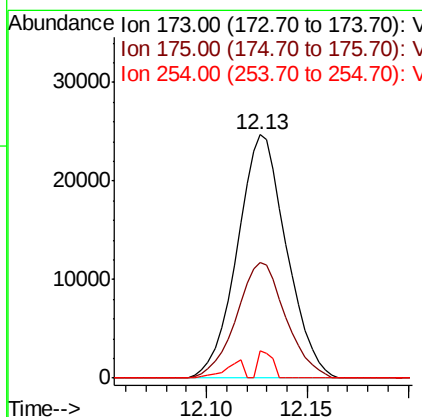
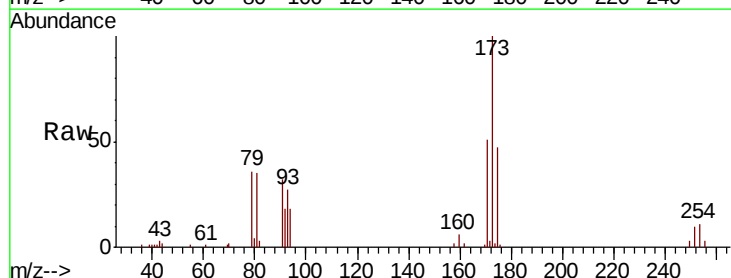
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

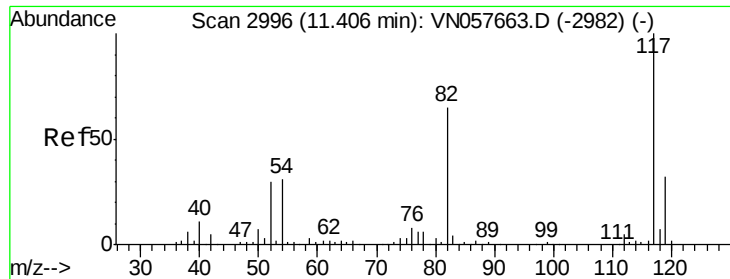
Tgt Ion: 63 Resp: 146207
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.6 38.4
 106 24.3 19.5 29.3



#56
 Bromoform
 Concen: 17.537 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 173 Resp: 42042
 Ion Ratio Lower Upper
 173 100
 175 47.7 38.8 58.2
 254 3.3 7.2 10.8#

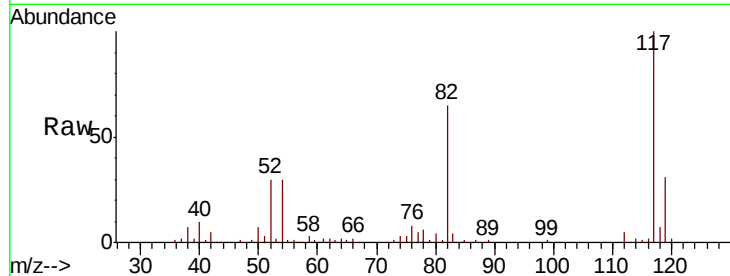




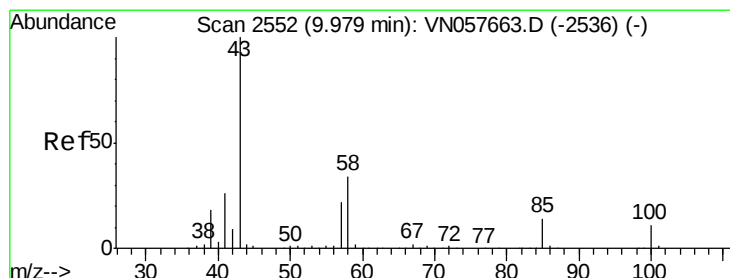
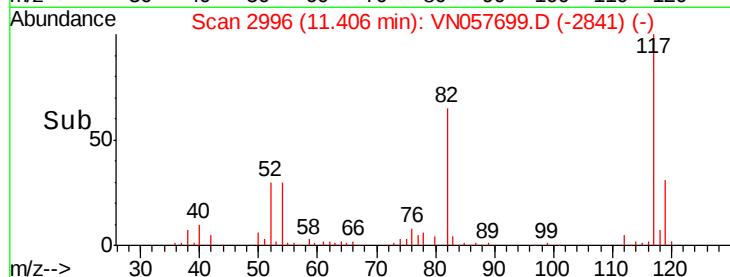
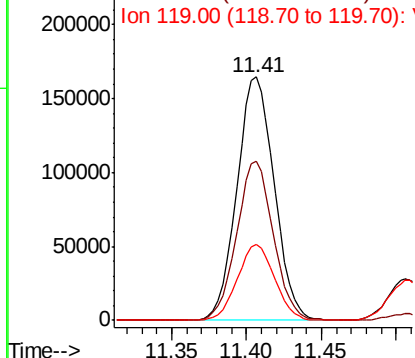
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampled :
VN0905WBSD01

Tgt Ion: 117 Resp: 286182
Ion Ratio Lower Upper
117 100
82 64.1 51.2 76.8
119 31.0 25.8 38.6

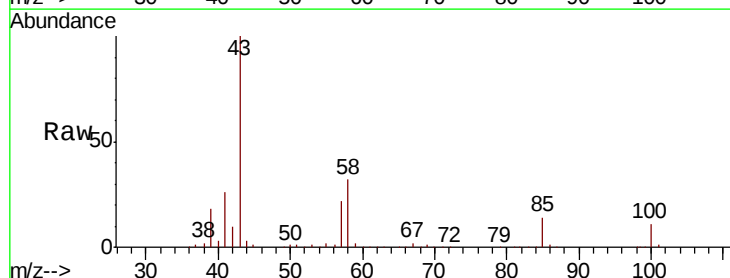


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

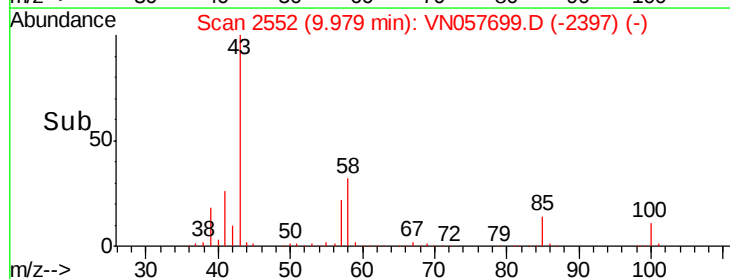
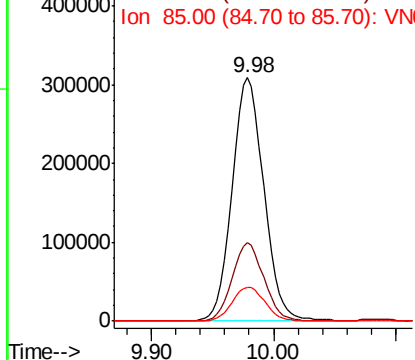


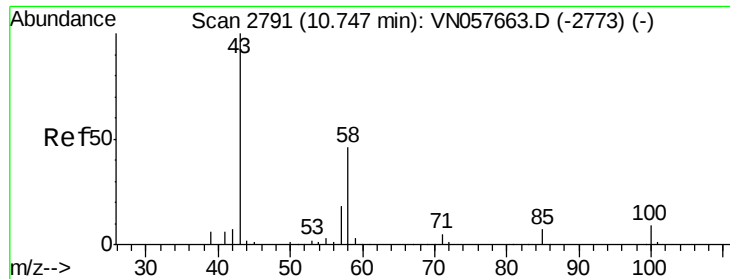
#58
4-Methyl-2-Pentanone
Concen: 109.983 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 43 Resp: 556246
Ion Ratio Lower Upper
43 100
58 32.5 26.7 40.1
85 14.4 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

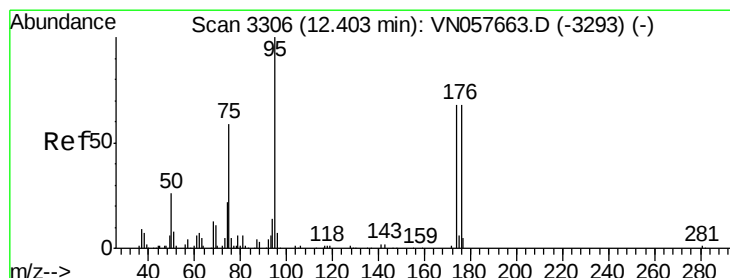
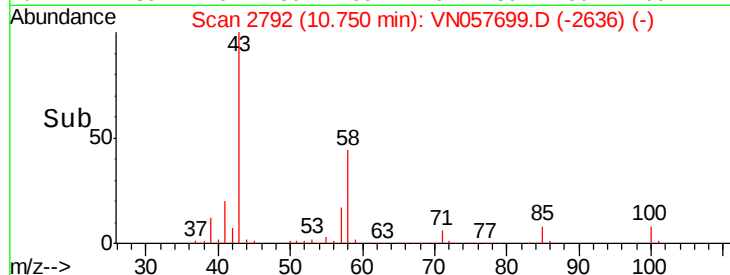
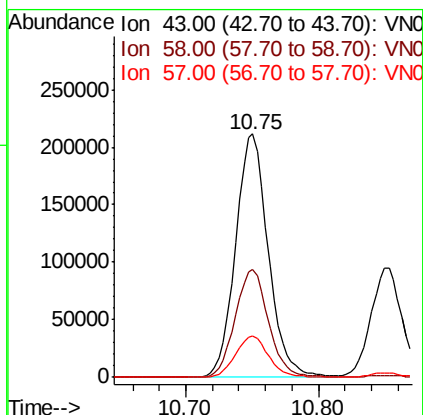
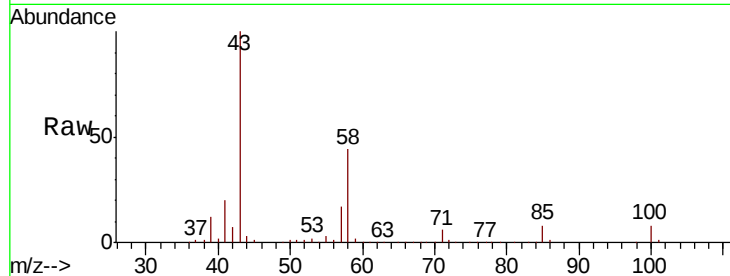




#59
2-Hexanone
Concen: 101.283 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

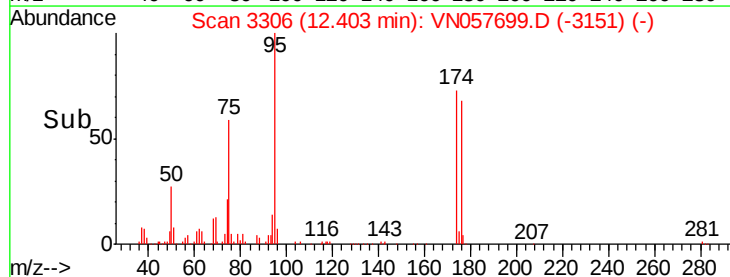
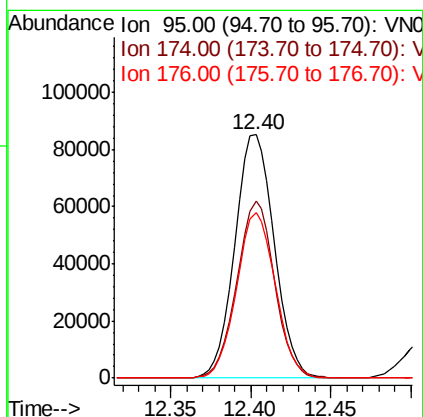
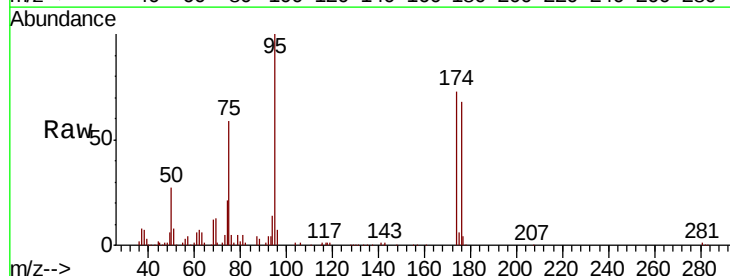
Instrument :
MSVOA_N
ClientSampled :
VN0905WBSD01

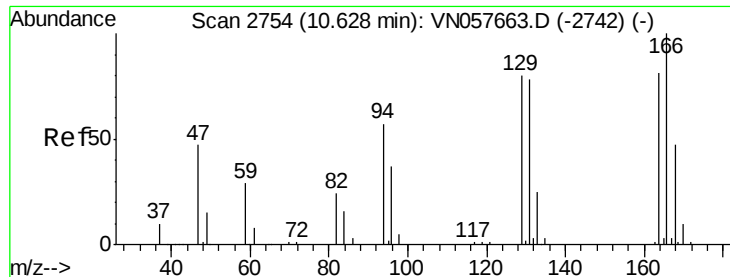
Tgt Ion: 43 Resp: 362486
Ion Ratio Lower Upper
43 100
58 45.3 36.1 54.1
57 17.3 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.201 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 95 Resp: 142772
Ion Ratio Lower Upper
95 100
174 69.8 55.0 82.6
176 66.8 53.7 80.5

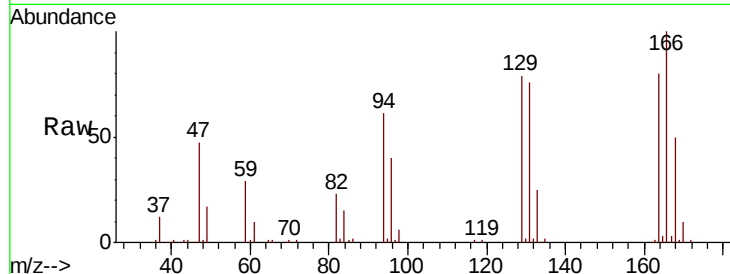




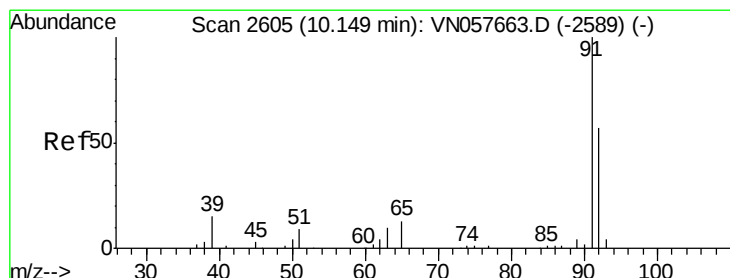
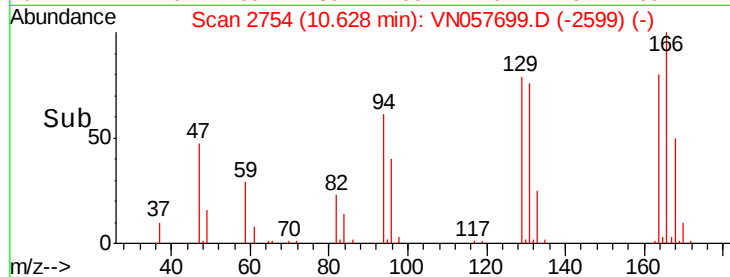
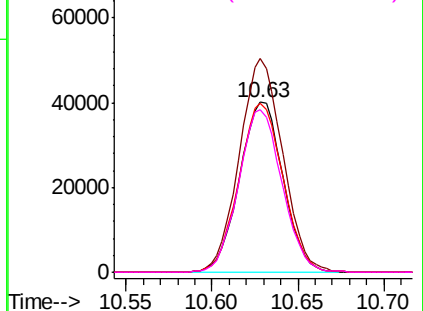
#61
Tetrachloroethene
Concen: 21.480 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

Tgt Ion:164 Resp: 70587
Ion Ratio Lower Upper
164 100
166 125.5 99.4 149.2
129 99.2 78.8 118.2
131 95.8 78.2 117.2

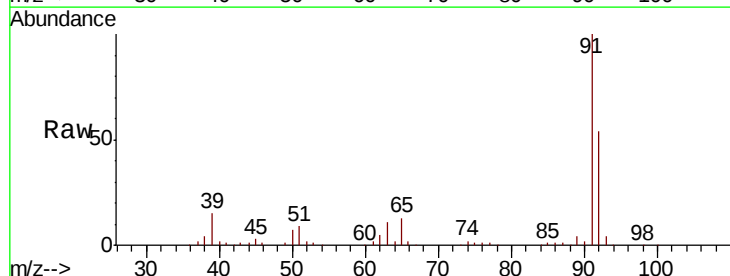


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

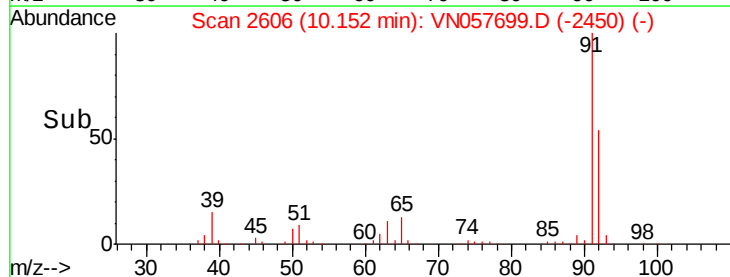
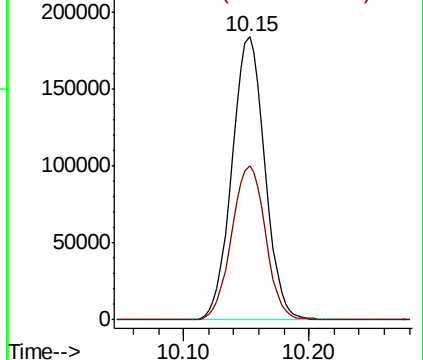


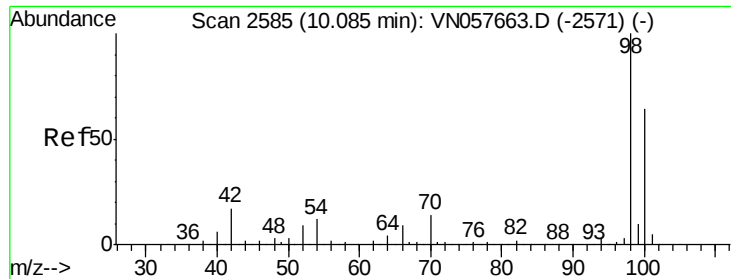
#62
Toluene
Concen: 20.886 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 91 Resp: 335593
Ion Ratio Lower Upper
91 100
92 56.1 46.1 69.1



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

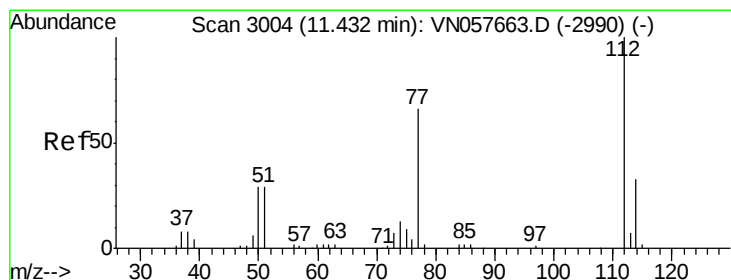
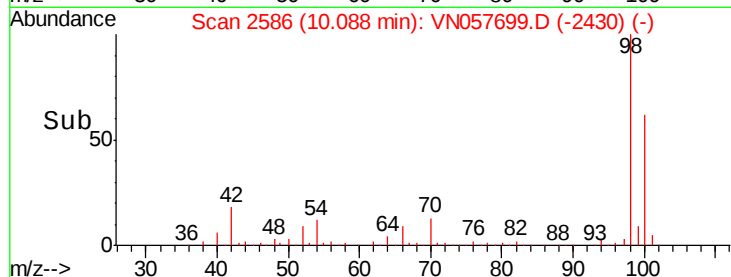
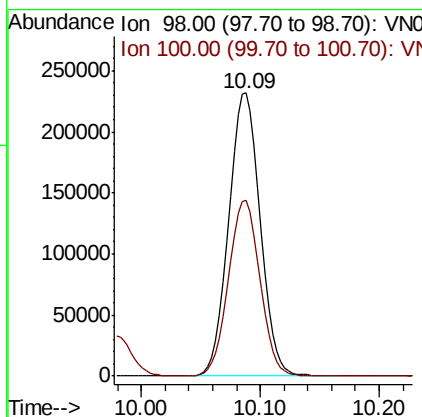
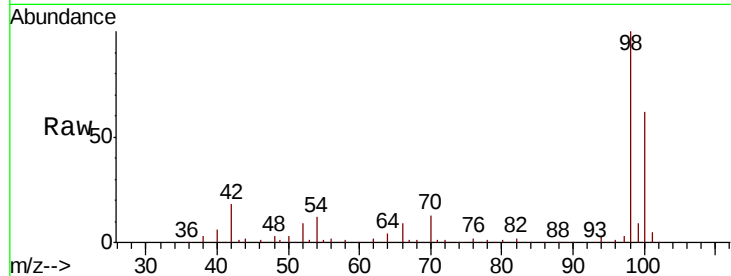




#63
Toluene-d8
Concen: 30.914 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

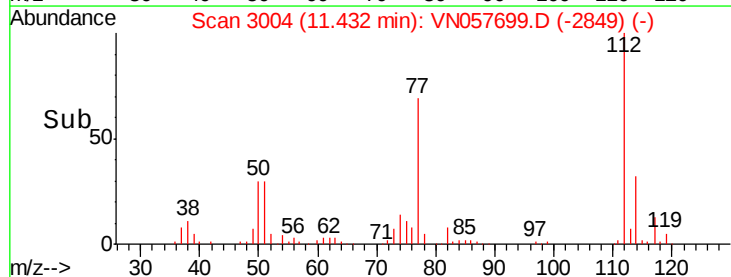
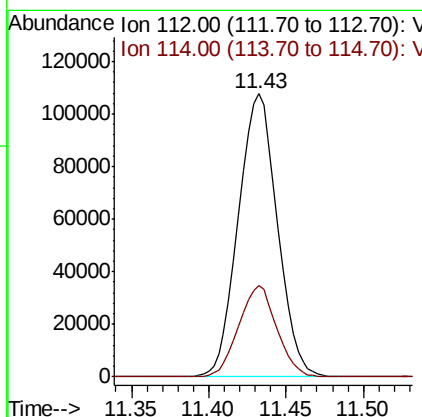
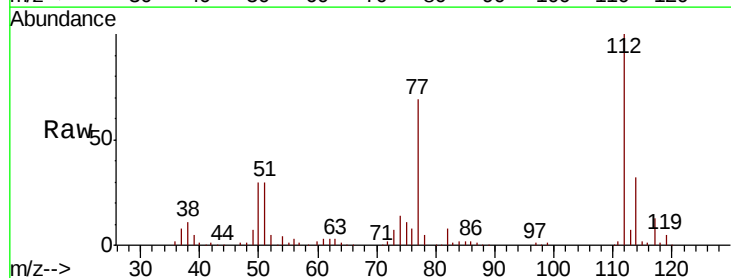
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

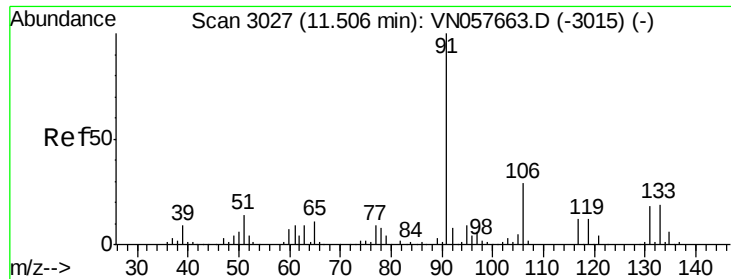
Tgt Ion: 98 Resp: 426011
Ion Ratio Lower Upper
98 100
100 62.2 51.0 76.6



#64
Chlorobenzene
Concen: 20.044 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 112 Resp: 189111
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

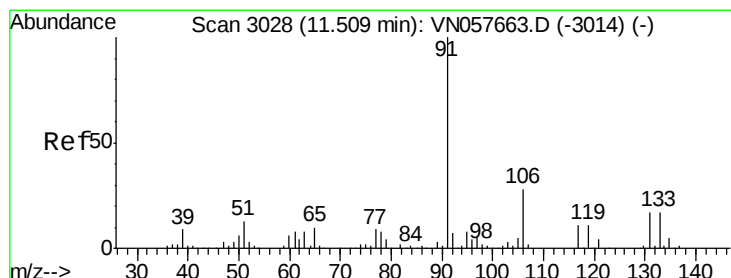
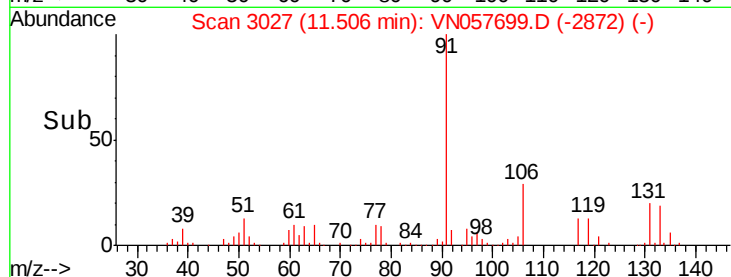
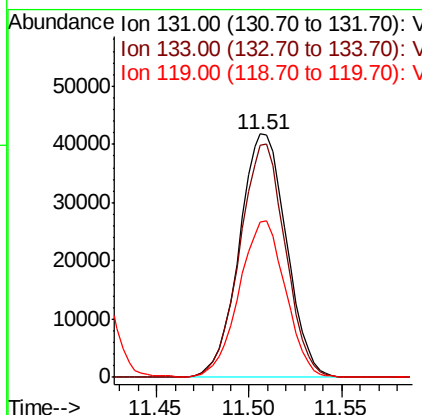
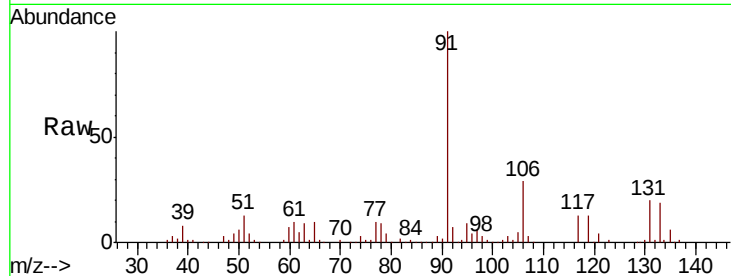




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.353 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

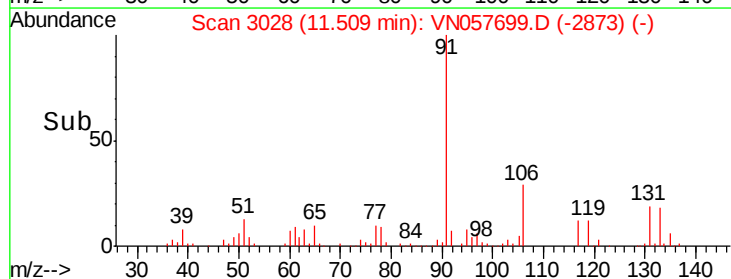
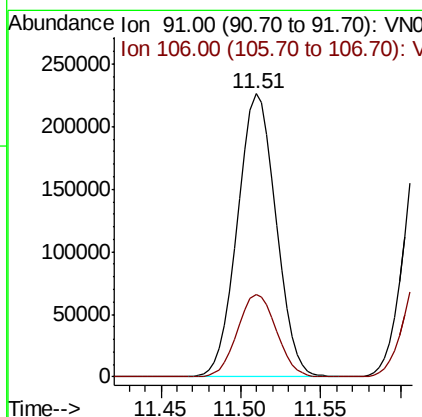
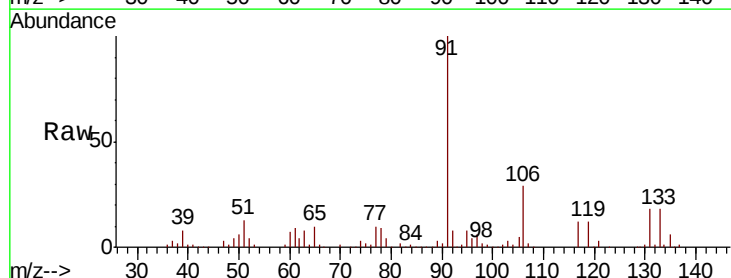
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

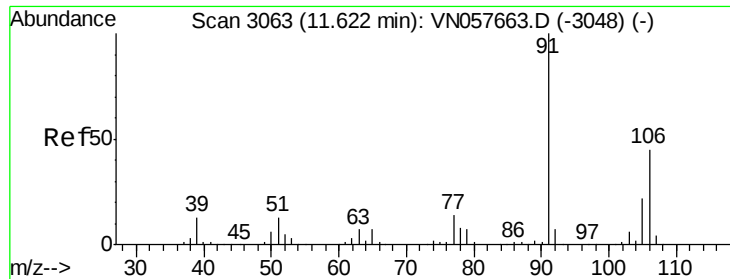
Tgt Ion: 131 Resp: 73805
 Ion Ratio Lower Upper
 131 100
 133 92.8 0.0 198.0
 119 63.1 0.0 129.8



#66
 Ethyl Benzene
 Concen: 20.659 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 91 Resp: 371053
 Ion Ratio Lower Upper
 91 100
 106 29.2 22.7 34.1

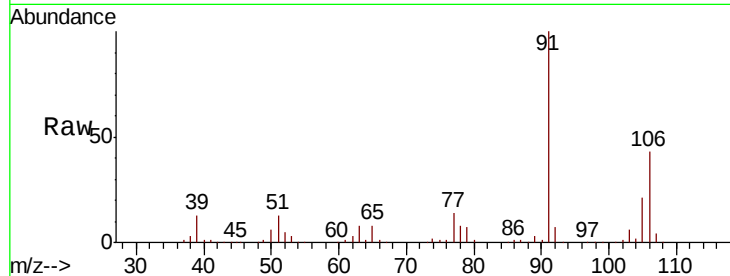




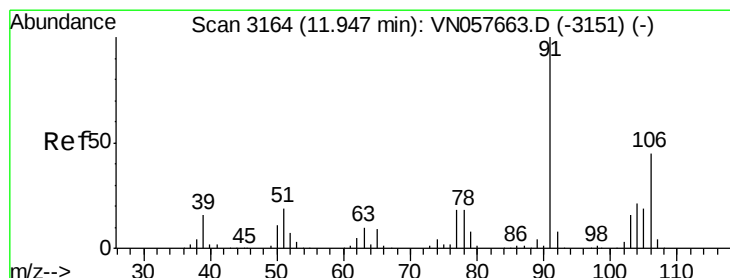
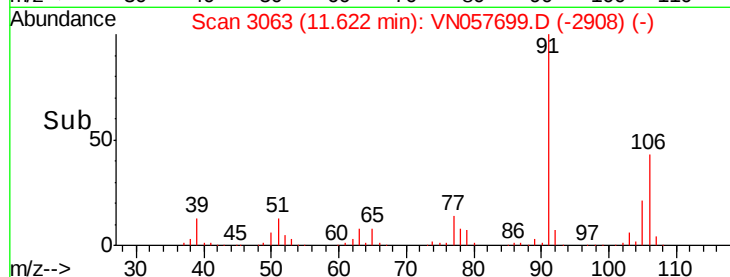
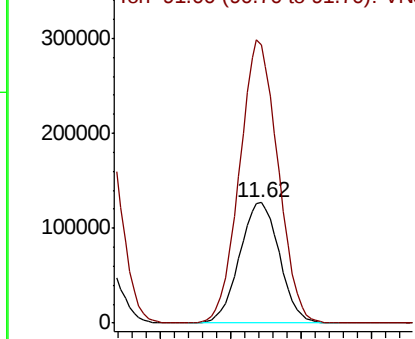
#67
m/p-Xylenes
Concen: 39.909 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

Tgt Ion:106 Resp: 251392
Ion Ratio Lower Upper
106 100
91 225.6 178.9 268.3

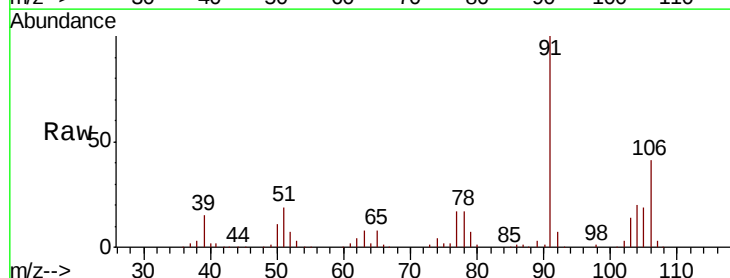


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

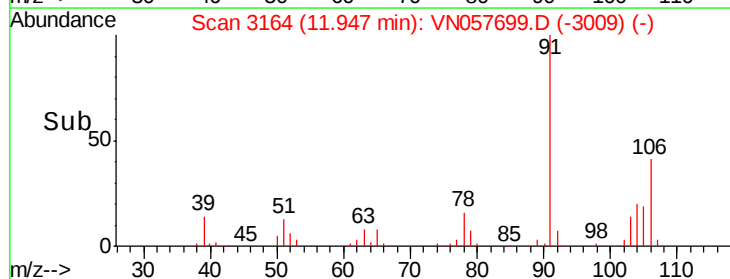
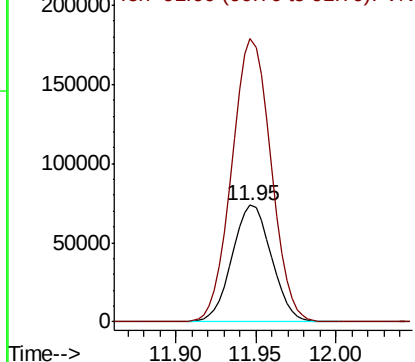


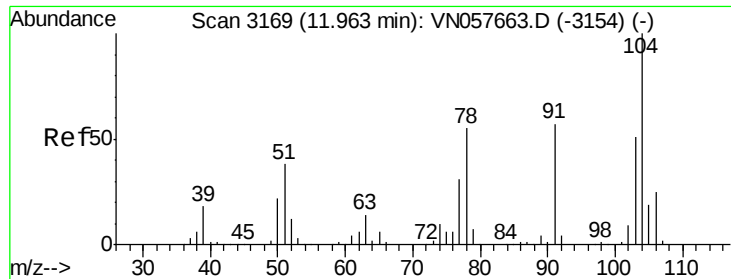
#68
o-Xylene
Concen: 19.766 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion:106 Resp: 123980
Ion Ratio Lower Upper
106 100
91 240.6 114.0 342.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#69

Styrene

Concen: 19.132 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampled :

VN0905WBSD01

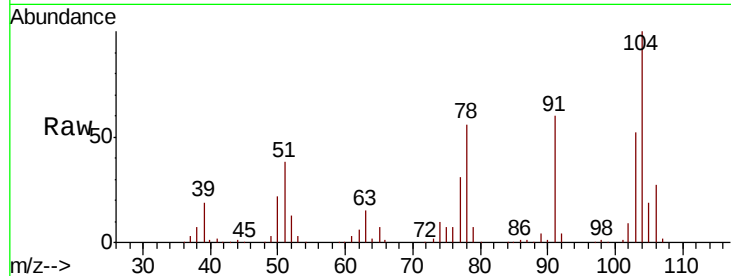
Tgt Ion:104 Resp: 192342

Ion Ratio Lower Upper

104 100

78 61.7 49.0 73.6

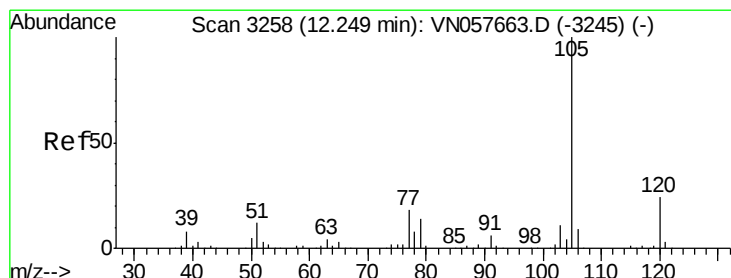
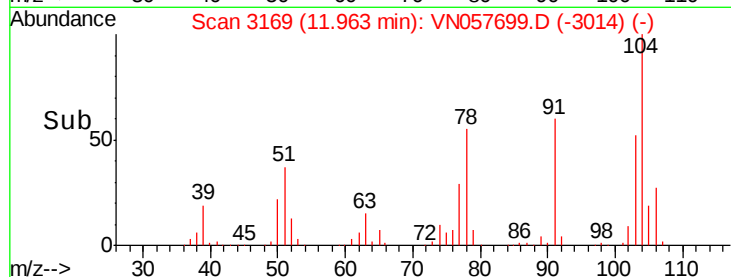
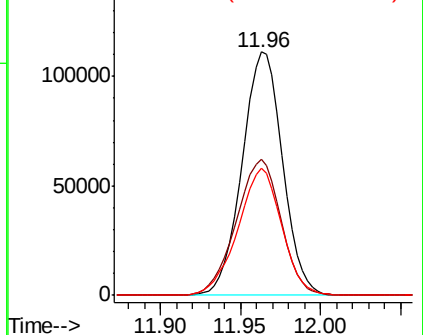
103 56.4 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.636 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN057699.D

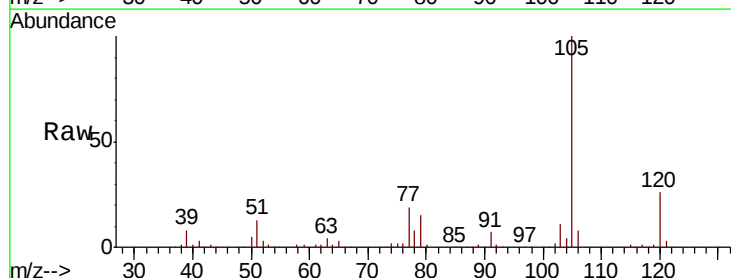
Acq: 5 Sep 2019 12:31

Tgt Ion:105 Resp: 355034

Ion Ratio Lower Upper

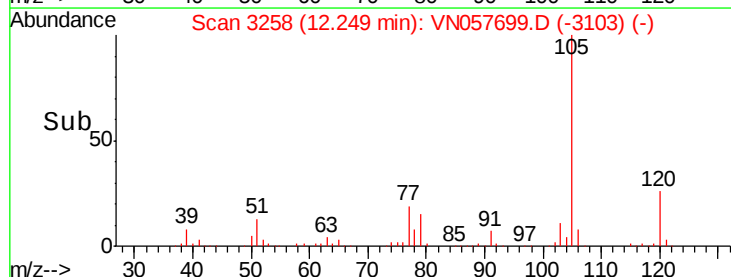
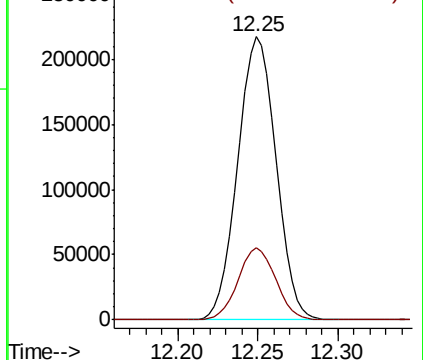
105 100

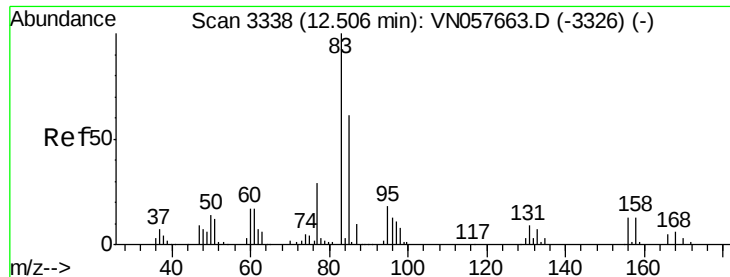
120 25.0 17.2 32.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

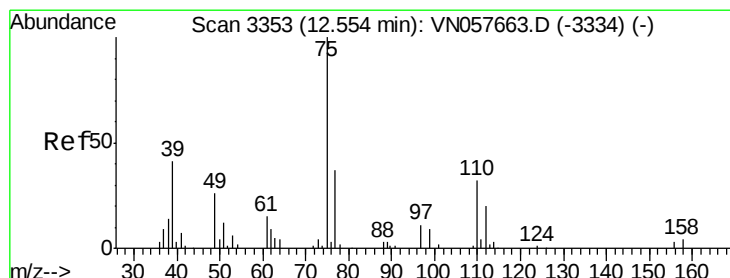
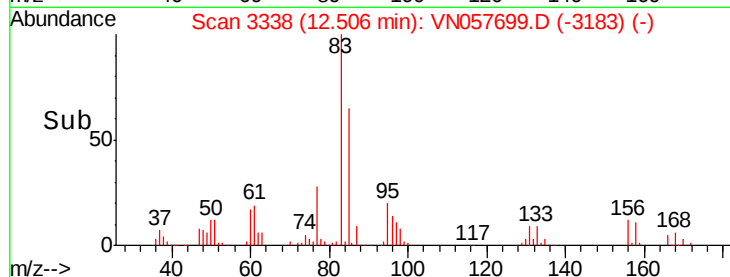
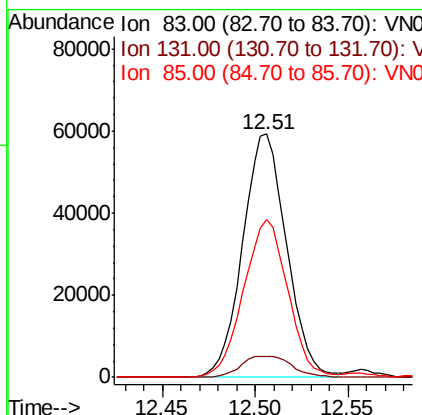
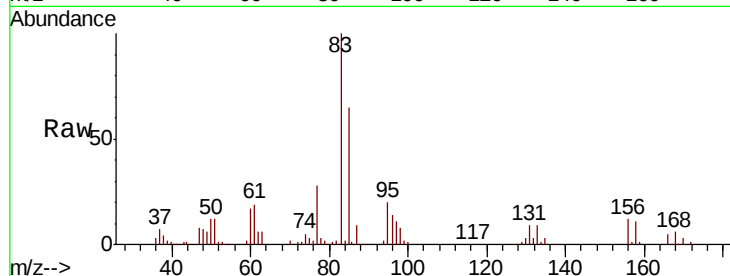




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.569 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

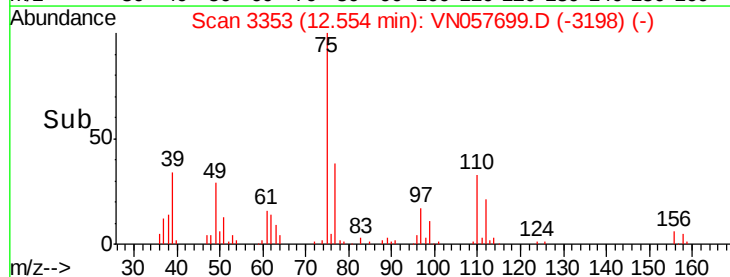
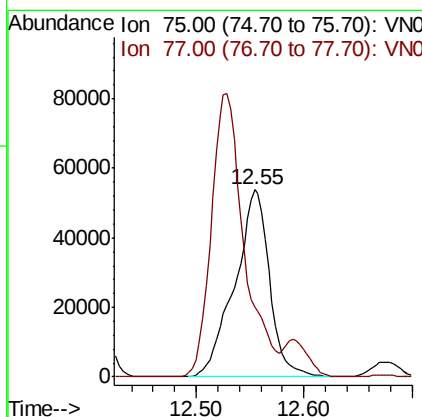
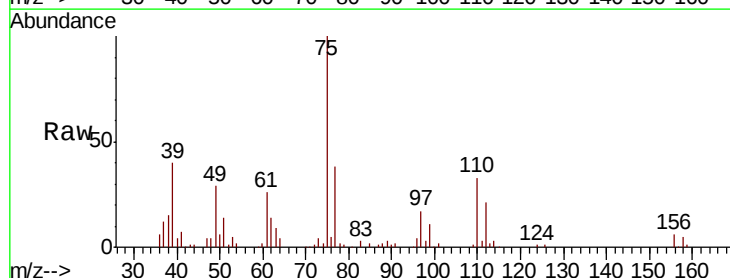
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

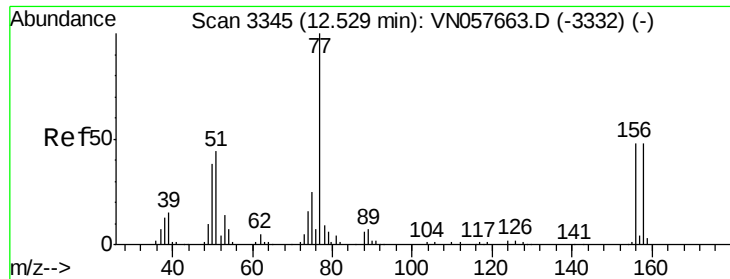
Tgt Ion: 83 Resp: 97636
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 65.1 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 28.426 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 75 Resp: 121015
 Ion Ratio Lower Upper
 75 100
 77 141.9 0.0 405.6





#73

Bromobenzene

Concen: 19.755 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampled :

VN0905WBSD01

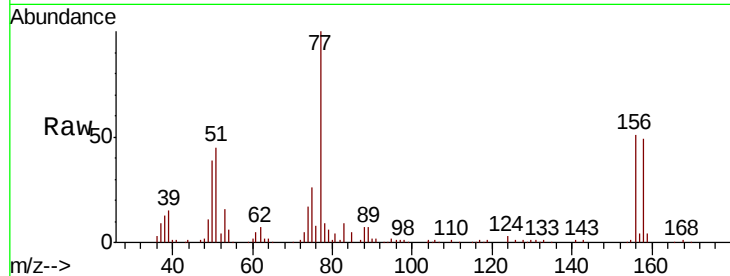
Tgt Ion:156 Resp: 72024

Ion Ratio Lower Upper

156 100

77 238.5 0.0 495.6

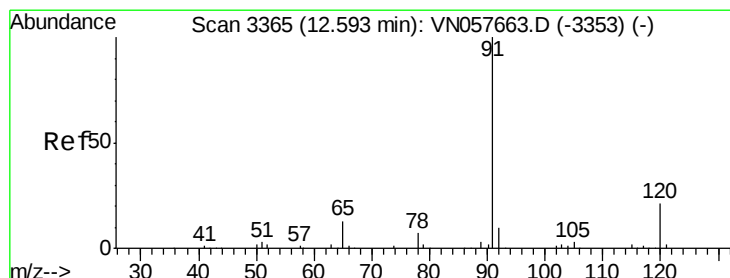
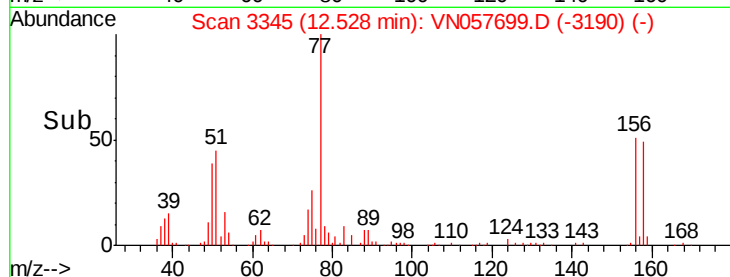
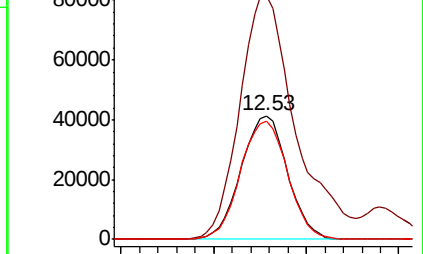
158 97.5 0.0 197.8



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: 19.235 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057699.D

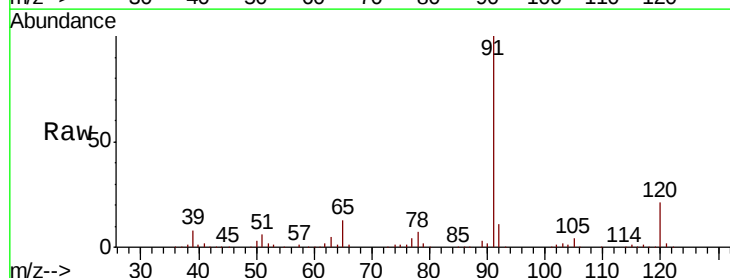
Acq: 5 Sep 2019 12:31

Tgt Ion: 91 Resp: 366333

Ion Ratio Lower Upper

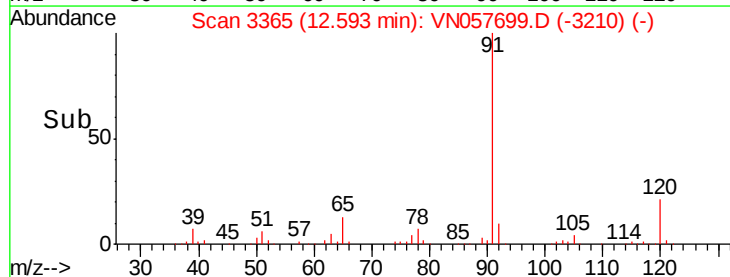
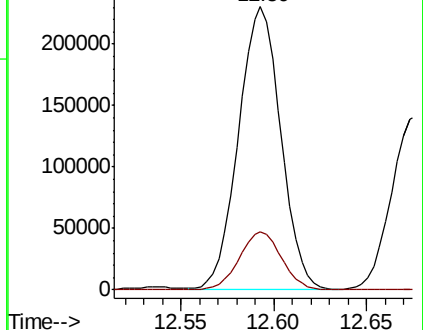
91 100

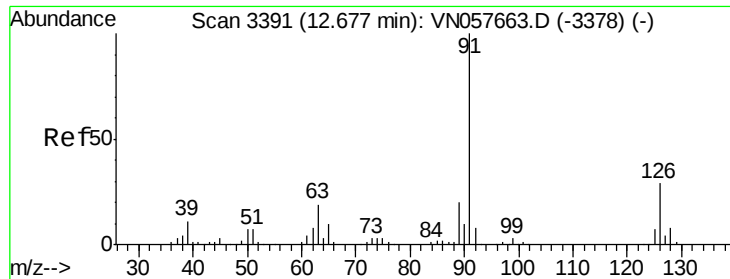
120 20.6 0.0 40.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.893 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

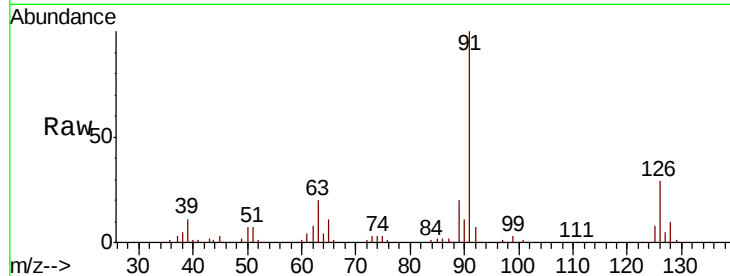
VN0905WBSD01

Tgt Ion: 91 Resp: 237181

Ion Ratio Lower Upper

91 100

126 28.2 0.0 59.2



Abundance Ion 91.00 (90.70 to 91.70): VN057663.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN057663.D (-3378) (-)

250000

200000

150000

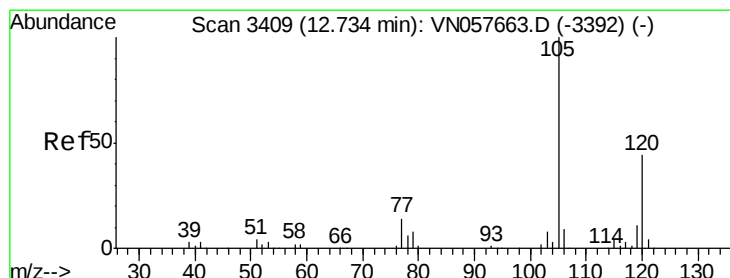
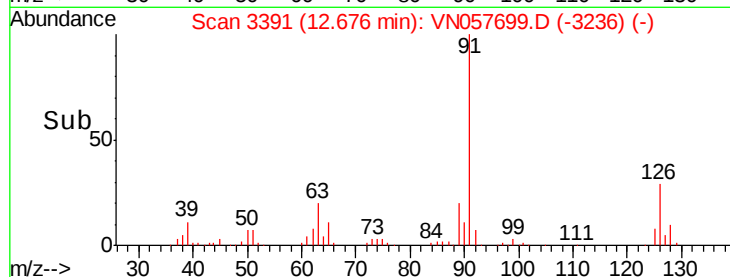
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.921 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN057699.D

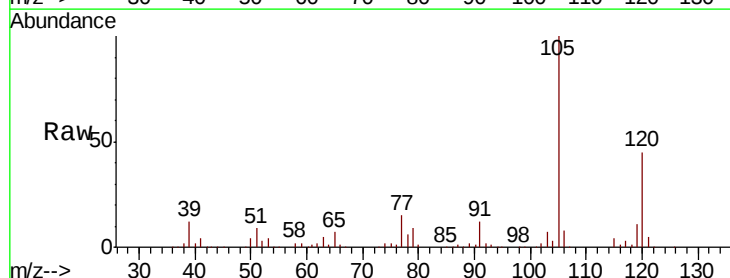
Acq: 5 Sep 2019 12:31

Tgt Ion: 105 Resp: 284515

Ion Ratio Lower Upper

105 100

120 44.5 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): VN057663.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN057663.D (-3392) (-)

200000

150000

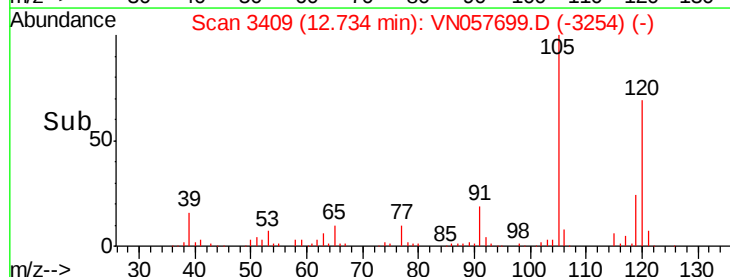
100000

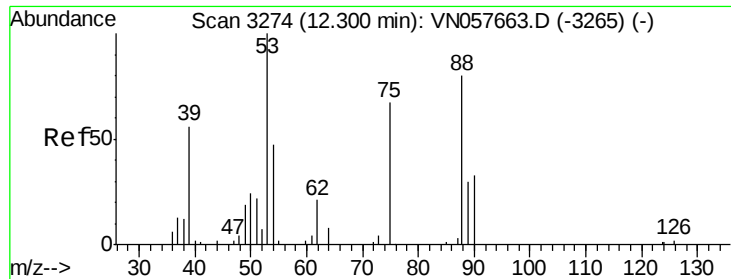
50000

0

12.65 12.70 12.75 12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.939 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBSD01

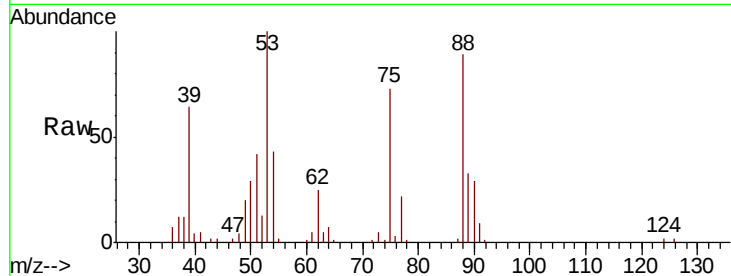
Tgt Ion: 75 Resp: 23312

Ion Ratio Lower Upper

75 100

53 135.8 74.2 222.6

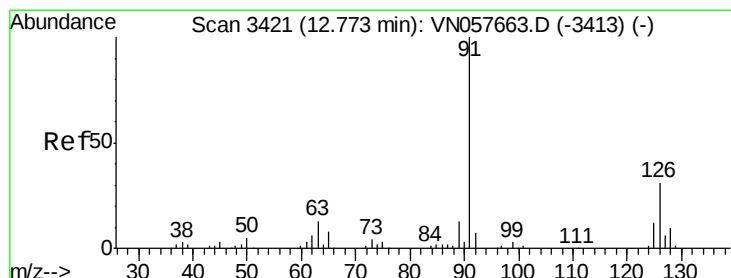
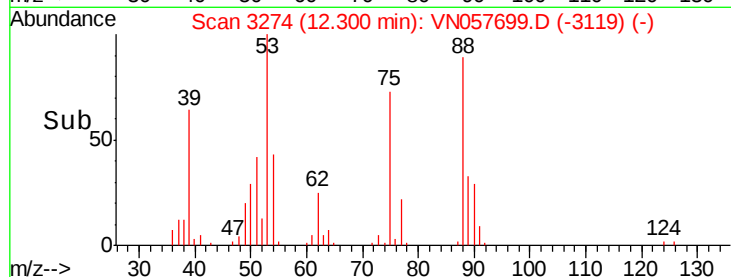
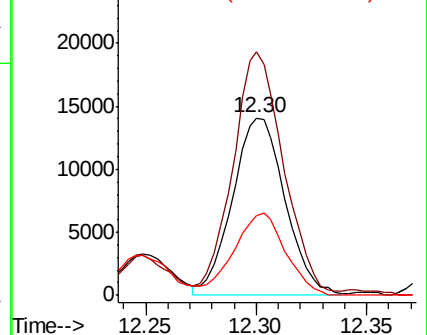
89 45.4 23.3 69.9



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 18.559 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057699.D

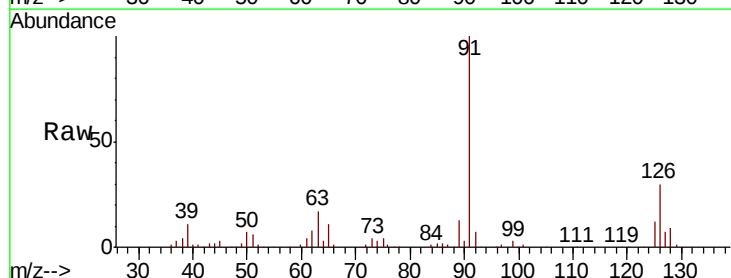
Acq: 5 Sep 2019 12:31

Tgt Ion: 91 Resp: 210233

Ion Ratio Lower Upper

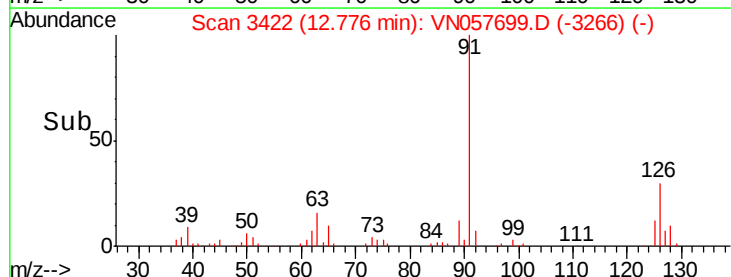
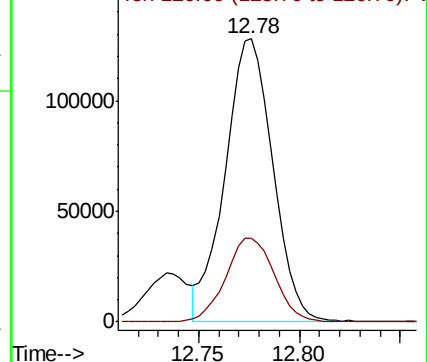
91 100

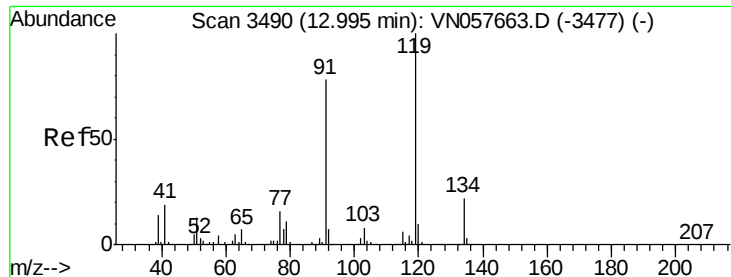
126 30.4 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

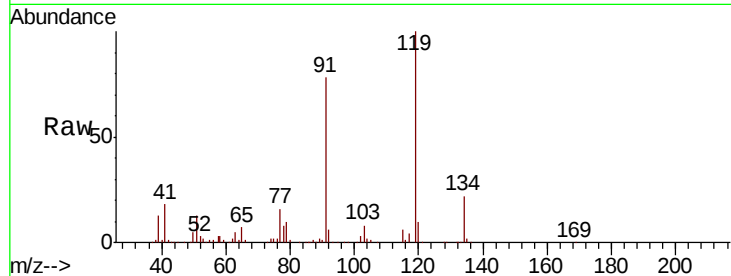




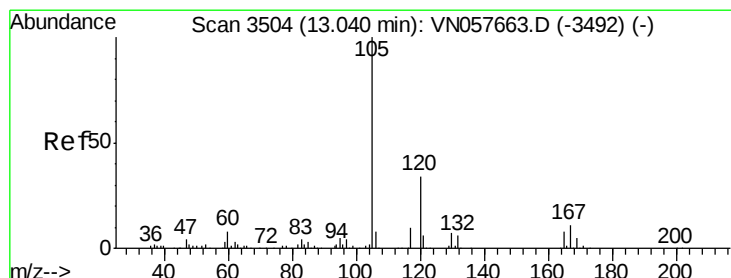
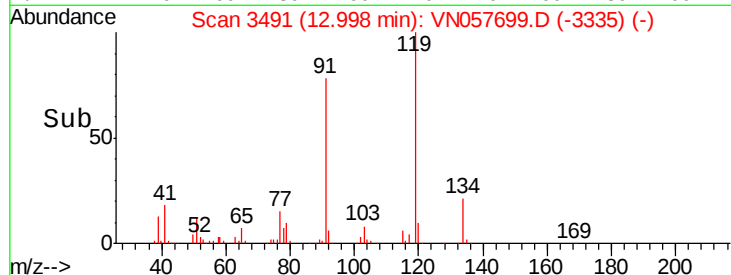
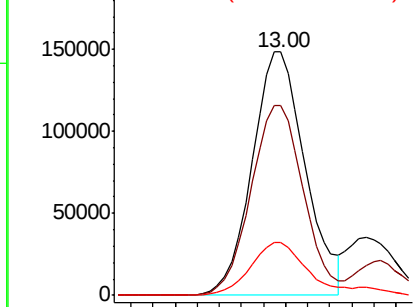
#79
tert-butylbenzene
Concen: 20.206 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

Tgt Ion:119 Resp: 247858
Ion Ratio Lower Upper
119 100
91 77.0 0.0 155.6
134 23.1 0.0 48.2

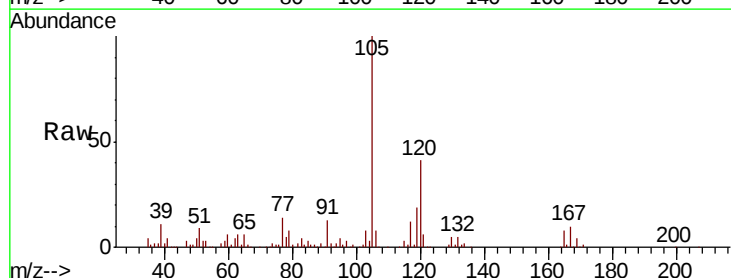


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

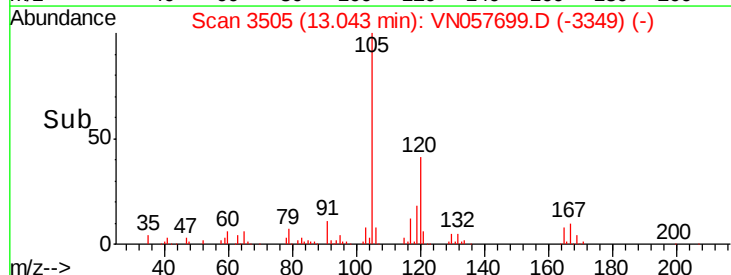
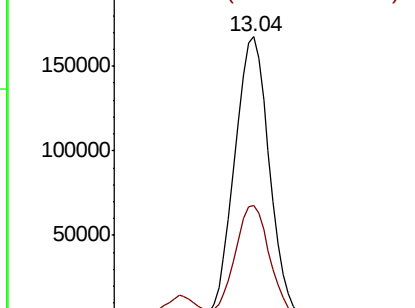


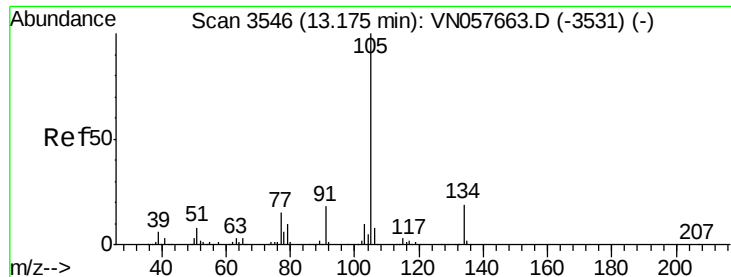
#80
1,2,4-Trimethylbenzene
Concen: 19.753 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion:105 Resp: 265077
Ion Ratio Lower Upper
105 100
120 41.1 0.0 83.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.173 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

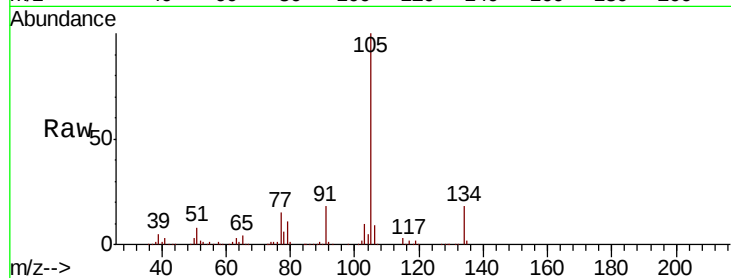
VN0905WBSD01

Tgt Ion:105 Resp: 303076

Ion Ratio Lower Upper

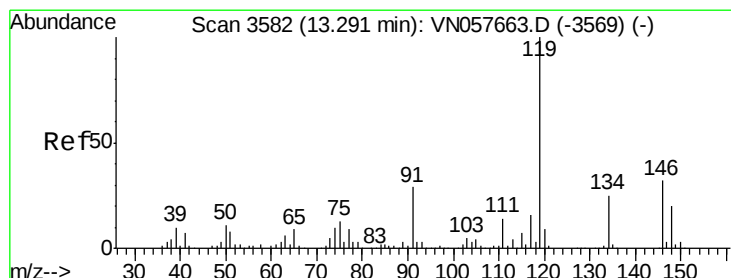
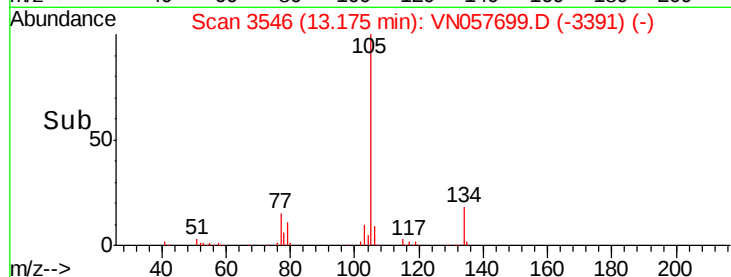
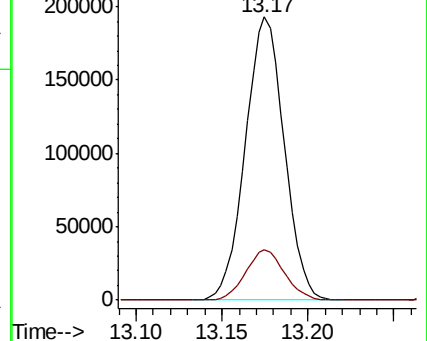
105 100

134 17.9 0.0 36.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.291 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

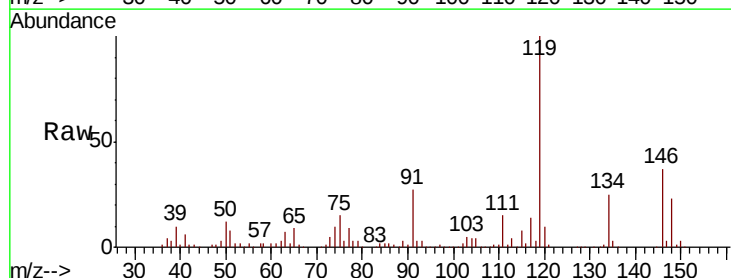
Tgt Ion:119 Resp: 245570

Ion Ratio Lower Upper

119 100

134 24.6 0.0 49.6

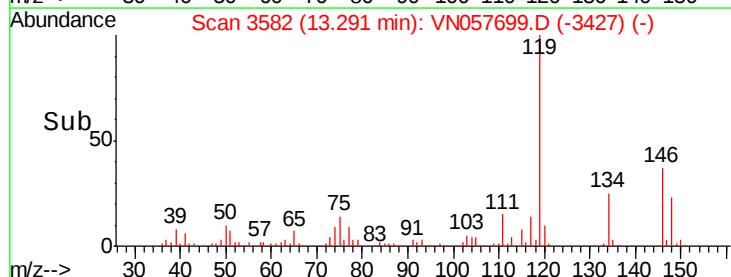
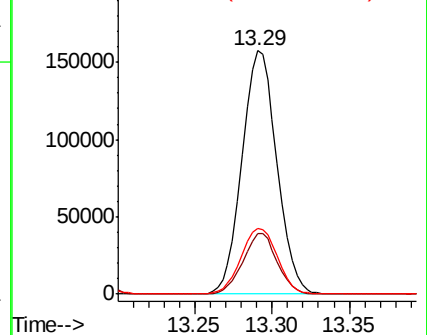
91 28.3 0.0 56.2

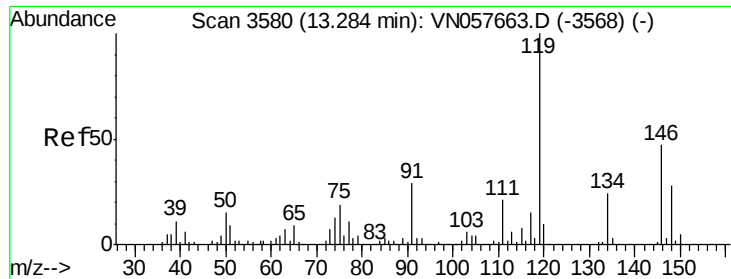


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.210 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBSD01

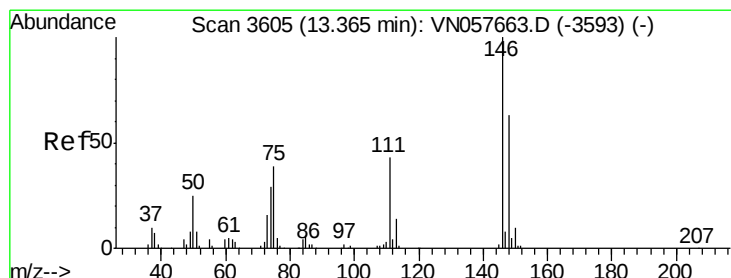
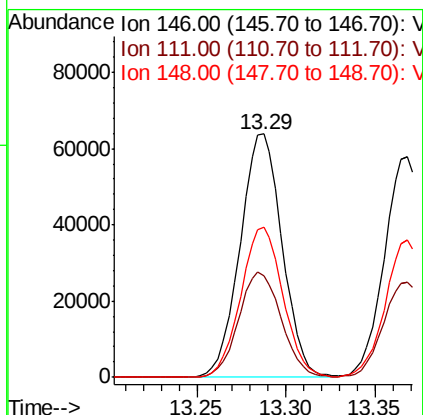
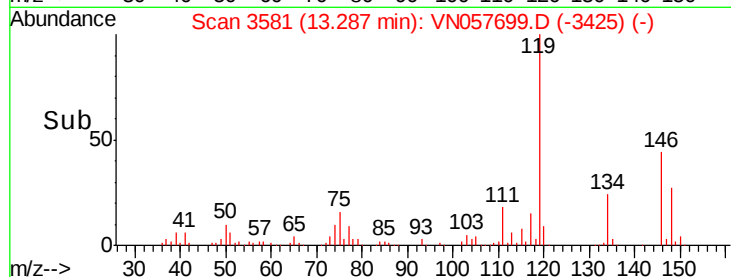
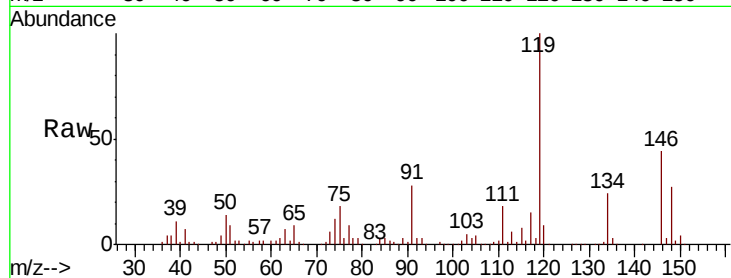
Tgt Ion:146 Resp: 104889

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.3

148 61.8 31.3 93.9



#84

1,4-Dichlorobenzene

Concen: 18.514 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057699.D

Acq: 5 Sep 2019 12:31

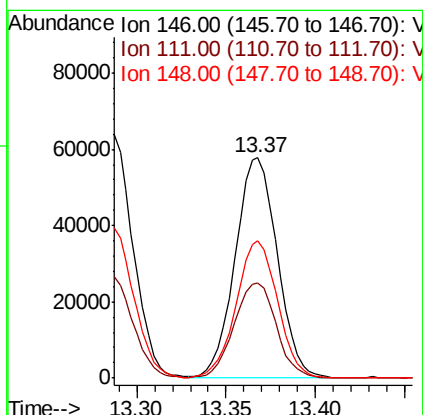
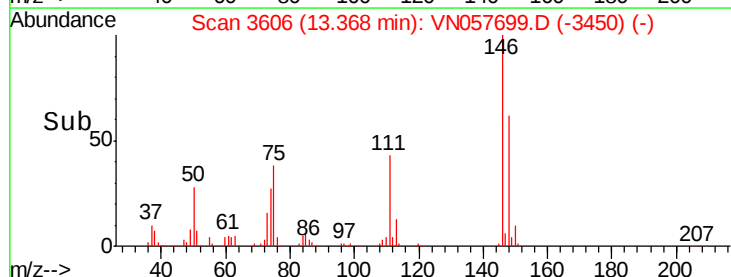
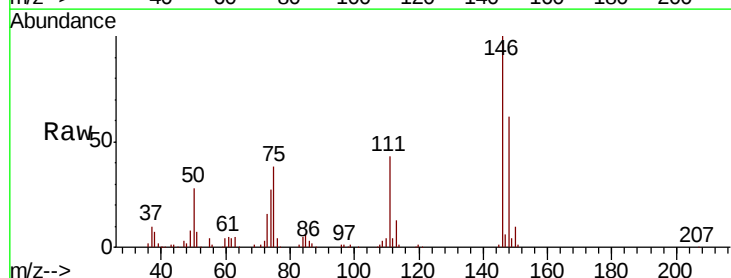
Tgt Ion:146 Resp: 95429

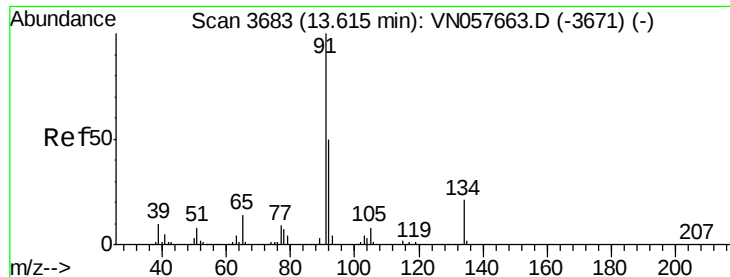
Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.9

148 61.2 31.0 93.0

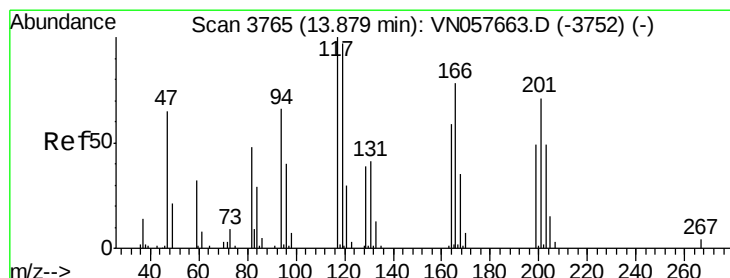
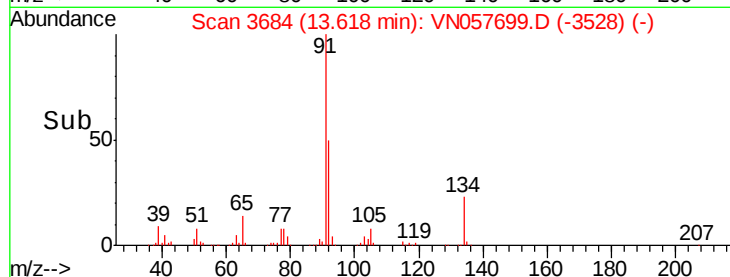
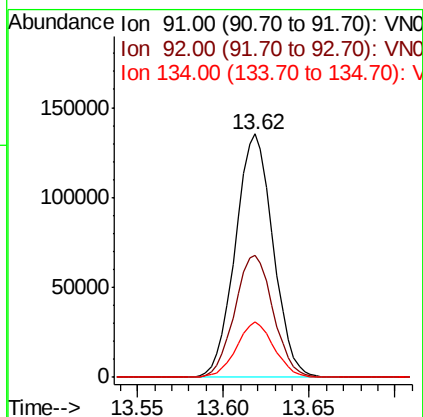
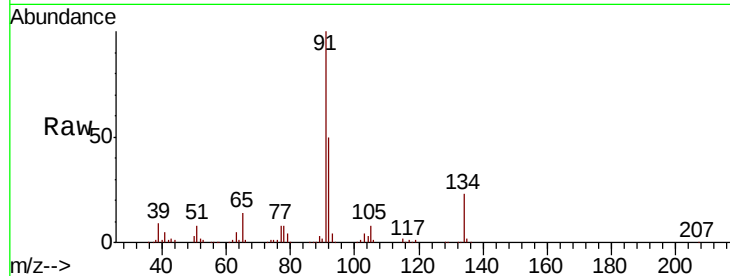




#85
n-Butylbenzene
Concen: 17.470 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

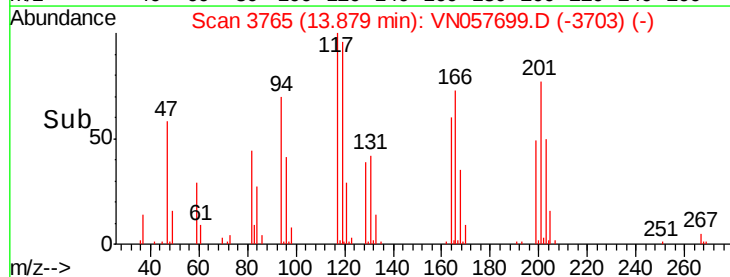
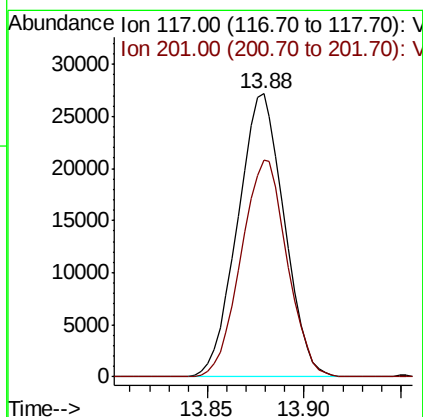
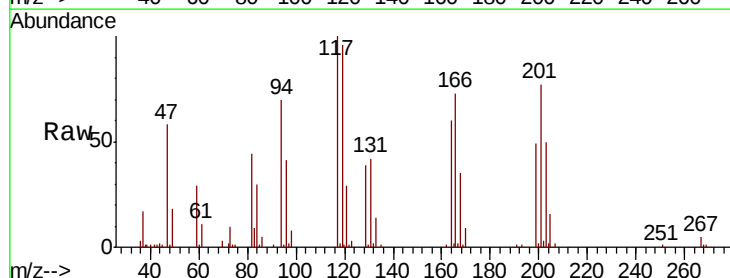
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

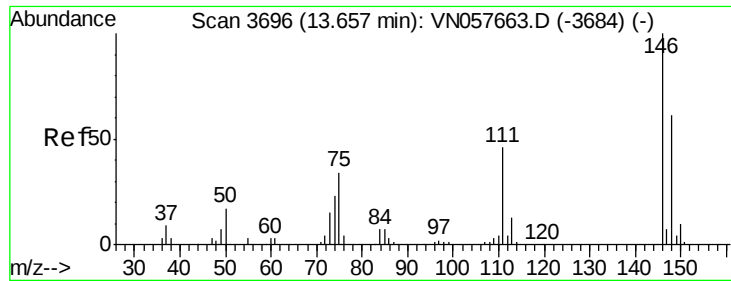
Tgt Ion: 91 Resp: 206163
Ion Ratio Lower Upper
91 100
92 51.0 0.0 100.2
134 22.6 0.0 43.8



#86
Hexachloroethane
Concen: 18.728 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion: 117 Resp: 45499
Ion Ratio Lower Upper
117 100
201 75.5 34.1 102.2

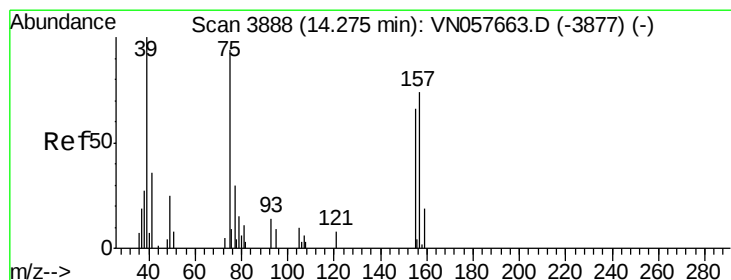
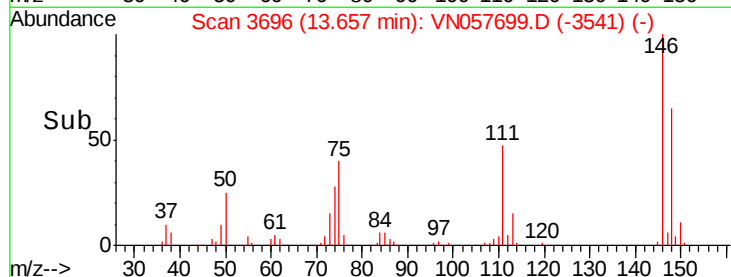
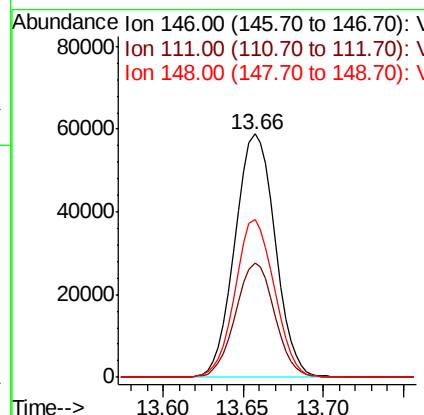
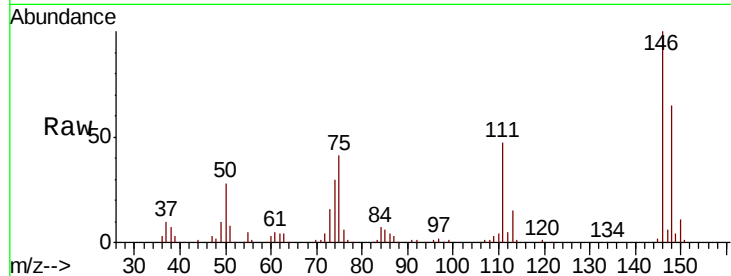




#87
 1,2-Dichlorobenzene
 Concen: 20.035 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

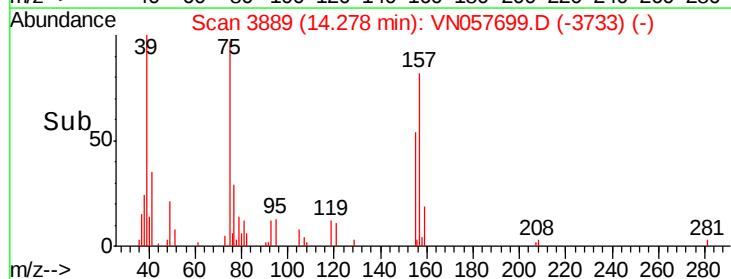
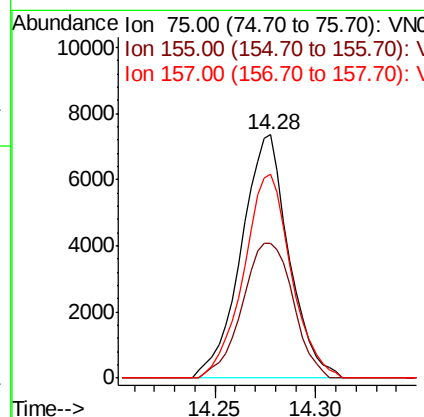
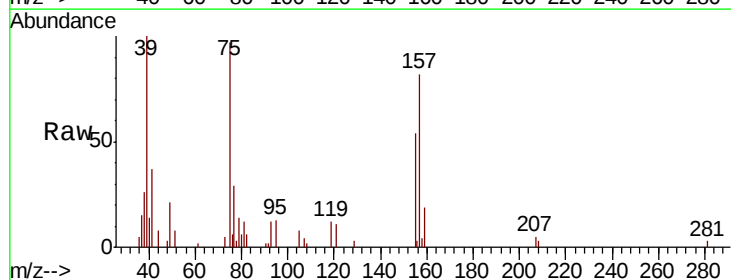
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

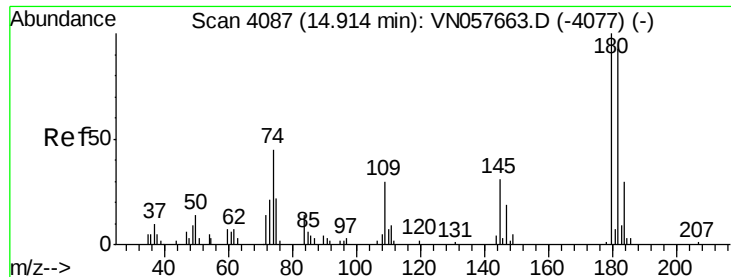
Tgt Ion: 146 Resp: 100926
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.6 67.7
 148 63.3 31.3 93.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.363 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057699.D
 Acq: 5 Sep 2019 12:31

Tgt Ion: 75 Resp: 12186
 Ion Ratio Lower Upper
 75 100
 155 59.0 54.6 82.0
 157 83.5 65.5 98.3

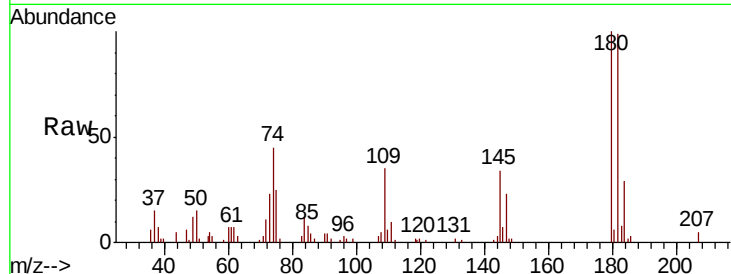




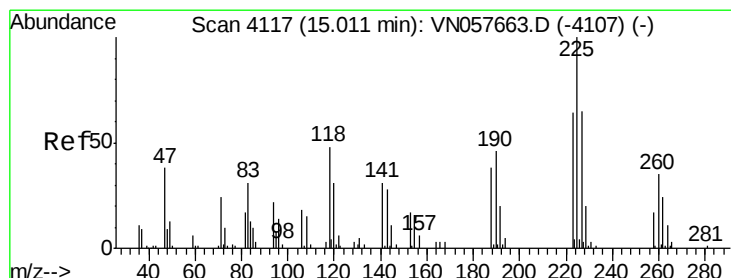
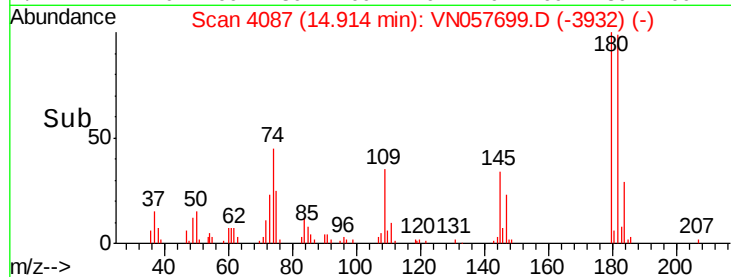
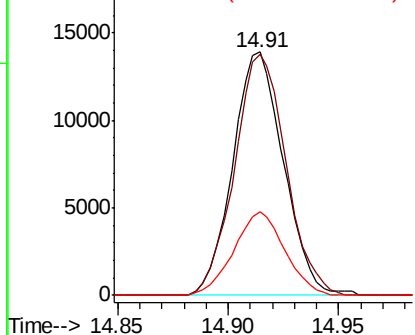
#89
1,2,4-Trichlorobenzene
Concen: 12.740 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampled :
VN0905WBSD01

Tgt Ion:180 Resp: 22236
Ion Ratio Lower Upper
180 100
182 100.5 77.4 116.2
145 34.4 25.1 37.7

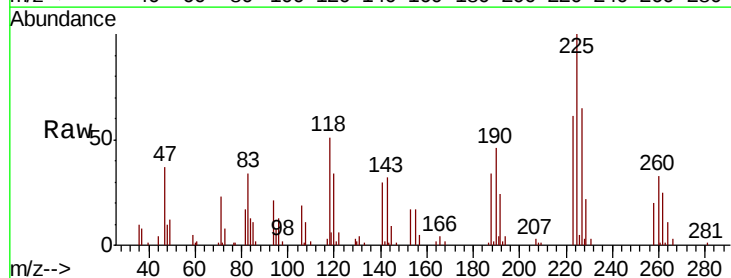


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

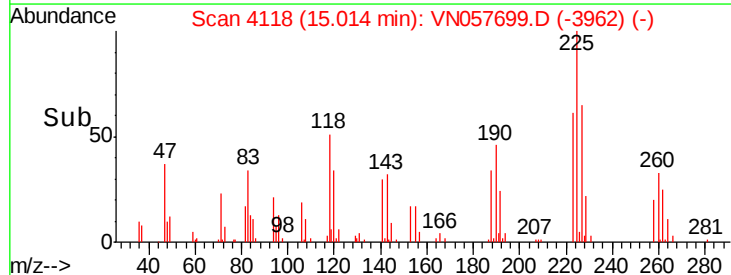
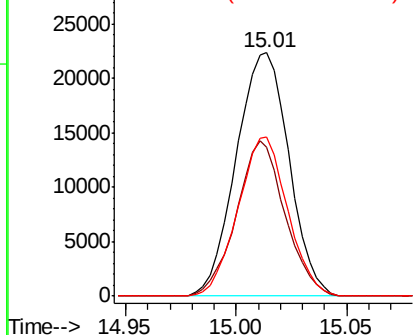


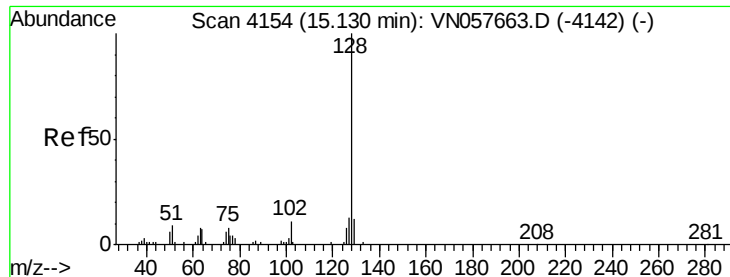
#90
Hexachlorobutadiene
Concen: 19.198 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion:225 Resp: 37166
Ion Ratio Lower Upper
225 100
223 58.8 0.0 131.0
227 61.5 0.0 128.6



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

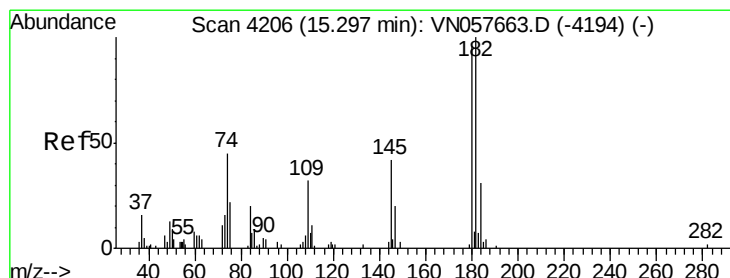
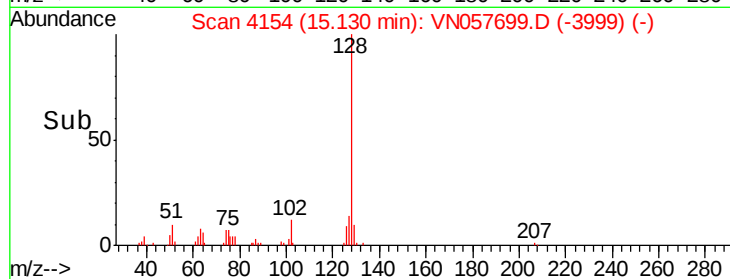
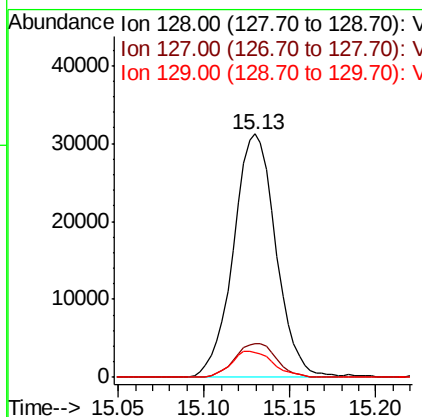
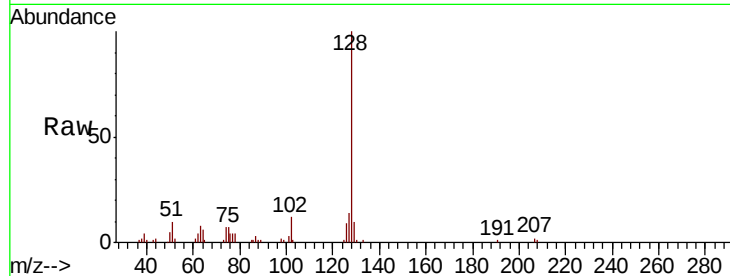




#91
Naphthalene
Concen: 11.857 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

Tgt Ion:128 Resp: 53748
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.5 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 13.324 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN057699.D
Acq: 5 Sep 2019 12:31

Tgt Ion:180 Resp: 22597
Ion Ratio Lower Upper
180 100
182 96.0 0.0 199.4
145 33.1 0.0 73.2

