

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057618.D
 Acq On : 31 Aug 2019 16:59
 Operator : JC/SP
 Sample : VN0901WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 23:45:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	190144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	322388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	290901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	115158	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	215852	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
35) Dibromofluoromethane	7.58	113	137712	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	10.09	98	539901	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	184880	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	62736	20.633	ug/l	96
3) Chloromethane	2.05	50	75638	21.578	ug/l	99
4) Vinyl Chloride	2.18	62	56620	20.623	ug/l	99
5) Bromomethane	2.51	94	39493	22.734	ug/l	95
6) Chloroethane	2.66	64	32007	20.871	ug/l	97
7) Trichlorofluoromethane	3.00	101	78785	20.443	ug/l	95
8) Diethyl Ether	3.40	74	26685	20.925	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39461	20.197	ug/l	97
10) Methyl Iodide	3.92	142	50510	20.023	ug/l	99
11) Tert butyl alcohol	4.81	59	46810	103.904	ug/l #	83
12) 1,1-Dichloroethene	3.71	96	36228	20.455	ug/l	97
13) Acrolein	3.59	56	17495	97.668	ug/l	92
14) Allyl chloride	4.29	41	105401	19.076	ug/l	96
15) Acrylonitrile	4.98	53	146234	108.174	ug/l	98
16) Acetone	3.81	43	108051	89.760	ug/l	95
17) Carbon Disulfide	4.02	76	115074	20.097	ug/l	97
18) Methyl Acetate	4.31	43	84333	20.403	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	193623	21.131	ug/l	99
20) Methylene Chloride	4.52	84	63539	21.321	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	54683	20.768	ug/l	97
22) Diisopropyl ether	5.94	45	240759	21.197	ug/l	99
23) Vinyl Acetate	5.88	43	927298	106.228	ug/l	99
24) 1,1-Dichloroethane	5.82	63	118279	20.745	ug/l	99
25) 2-Butanone	6.83	43	201755	100.582	ug/l	98
26) 2,2-Dichloropropane	6.81	77	84965	18.643	ug/l	83
27) cis-1,2-Dichloroethene	6.81	96	67616	21.504	ug/l	97
28) Bromochloromethane	7.18	49	65287	21.502	ug/l	99
29) Tetrahydrofuran	7.20	42	133775	106.303	ug/l	100
30) Chloroform	7.36	83	120625	20.854	ug/l	97
31) Cyclohexane	7.63	56	119727	21.040	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	94995	20.021	ug/l	99
36) 1,1-Dichloropropene	7.78	75	87402	20.449	ug/l	99
37) Ethyl Acetate	6.92	43	87053	21.381	ug/l #	93
38) Carbon Tetrachloride	7.75	117	75336	19.691	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057618.D
 Acq On : 31 Aug 2019 16:59
 Operator : JC/SP
 Sample : VN0901WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 23:45:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	102097	20.218	ug/l	99
40) Benzene	8.03	78	257452	20.692	ug/l	96
41) Methacrylonitrile	7.16	41	44925	21.069	ug/l	96
42) 1,2-Dichloroethane	8.11	62	104836	20.745	ug/l	100
43) Isopropyl Acetate	8.16	43	151831	20.727	ug/l	99
44) Trichloroethene	8.82	130	56617	20.059	ug/l	99
45) 1,2-Dichloropropane	9.11	63	71517	20.636	ug/l	99
46) Dibromomethane	9.20	93	42550	19.830	ug/l	97
47) Bromodichloromethane	9.40	83	88659	20.337	ug/l	95
48) Methyl methacrylate	9.20	41	78804	21.071	ug/l	98
49) 1,4-Dioxane	9.20	88	17934	409.516	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	445744	106.172	ug/l	99
52) Toluene	10.15	92	153956	20.936	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	84825	19.515	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	98317	19.525	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	57334	20.550	ug/l	98
56) Ethyl methacrylate	10.43	69	92142	19.790	ug/l	99
57) 1,3-Dichloropropane	10.71	76	104357	20.387	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	126598	92.939	ug/l	99
59) 2-Hexanone	10.75	43	306830	99.521	ug/l	97
60) Dibromochloromethane	10.90	129	50397	18.854	ug/l	95
61) 1,2-Dibromoethane	11.00	107	56970	20.279	ug/l	98
64) Tetrachloroethene	10.63	164	52061	20.668	ug/l	98
65) Chlorobenzene	11.43	112	151107	20.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	51028	20.072	ug/l	98
67) Ethyl Benzene	11.51	91	292788	20.672	ug/l	99
68) m/p-Xylenes	11.62	106	201147	40.313	ug/l	99
69) o-Xylene	11.95	106	97030	20.066	ug/l	95
70) Styrene	11.96	104	154283	19.395	ug/l	97
71) Bromoform	12.13	173	29927	20.088	ug/l #	94
73) Isopropylbenzene	12.25	105	271778	23.375	ug/l	99
74) N-amyl acetate	12.07	43	126463	23.048	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	78726	22.974	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	98123	32.393	ug/l #	100
77) Bromobenzene	12.53	156	58115	23.485	ug/l	99
78) n-propylbenzene	12.59	91	283239	21.887	ug/l	100
79) 2-Chlorotoluene	12.67	91	182303	22.592	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	218337	22.826	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17173	19.433	ug/l	90
82) 4-Chlorotoluene	12.77	91	170658	21.366	ug/l	99
83) tert-Butylbenzene	12.99	119	189274	23.321	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	202190	21.849	ug/l	98
85) sec-Butylbenzene	13.17	105	231650	21.220	ug/l	98
86) p-Isopropyltoluene	13.29	119	193149	21.394	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	82069	20.357	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	79659	20.456	ug/l	97
89) n-Butylbenzene	13.62	91	178236	21.067	ug/l	99
90) Hexachloroethane	13.88	117	31954	20.387	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	78451	20.393	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11310	21.435	ug/l	98

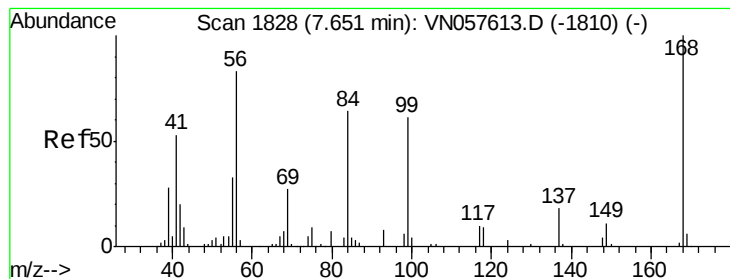
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
Data File : VN057618.D
Acq On : 31 Aug 2019 16:59
Operator : JC/SP
Sample : VN0901WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 31 23:45:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	25920	21.244	ug/l	95
94) Hexachlorobutadiene	15.01	225	25905	19.623	ug/l	96
95) Naphthalene	15.13	128	74340	19.889	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	24222	20.012	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

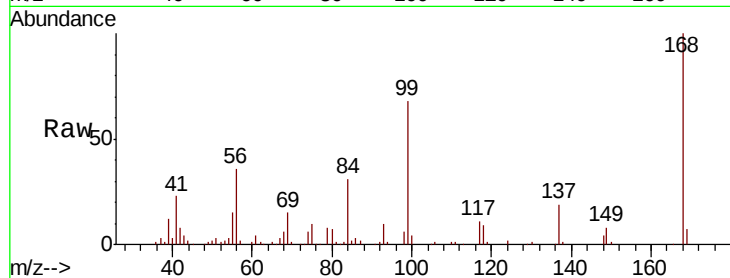
ClientSampleId :

Tot Ion:168 Resp: 190144

Ion Ratio Lower Upper

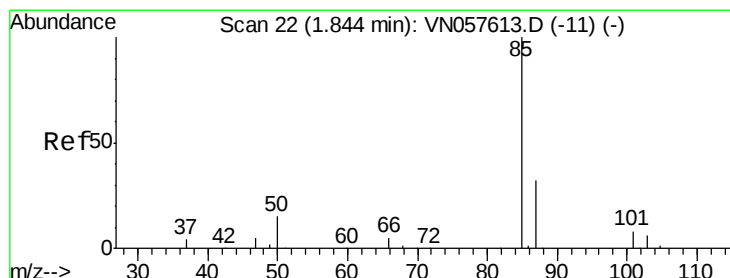
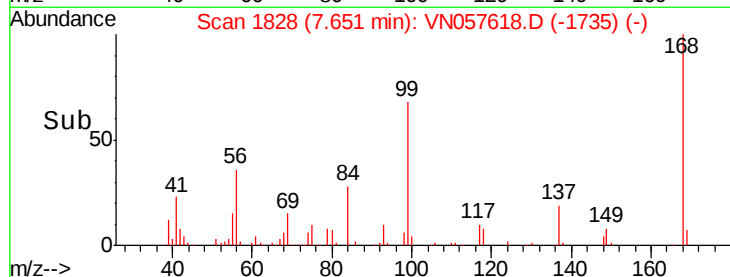
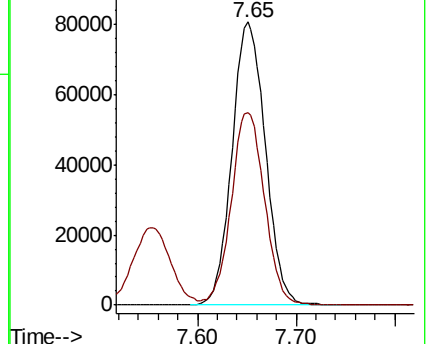
168 100

99 67.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.633 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN057618.D

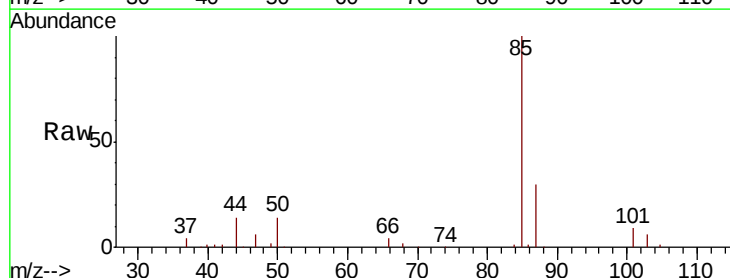
Acq: 31 Aug 2019 16:59

Tgt Ion: 85 Resp: 62736

Ion Ratio Lower Upper

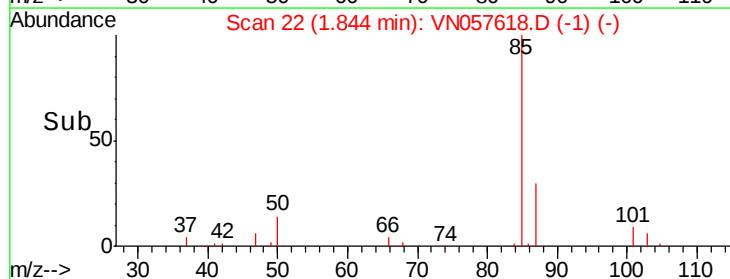
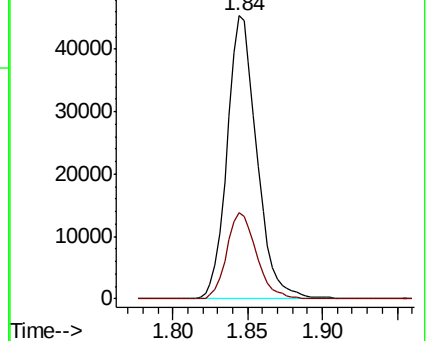
85 100

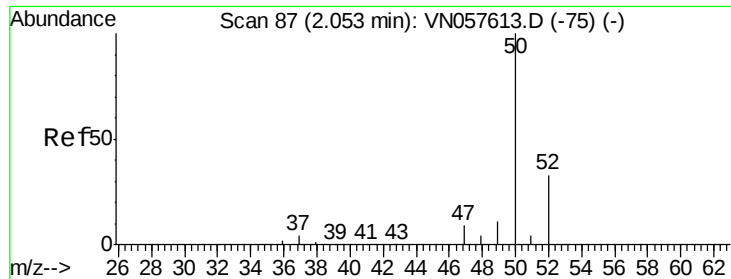
87 30.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

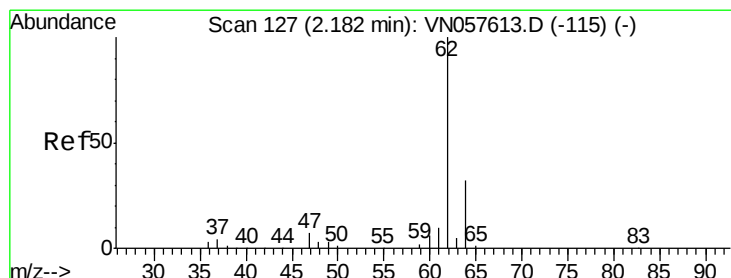
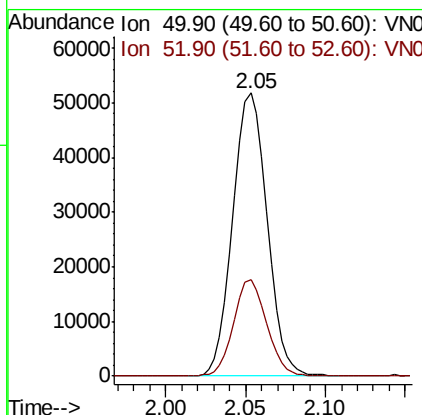
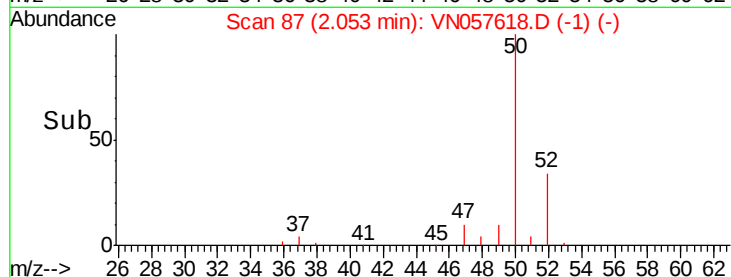
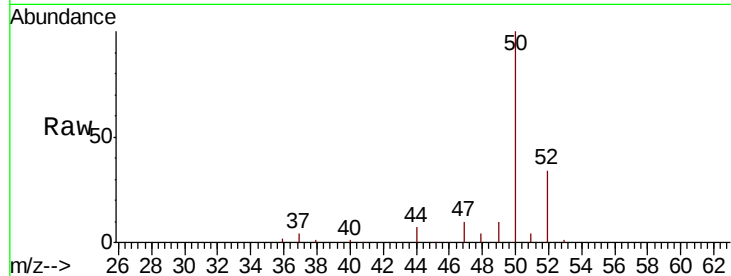




#3
Chloromethane
Concen: 21.578 ug/l
RT: 2.05 min Scan# 87
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

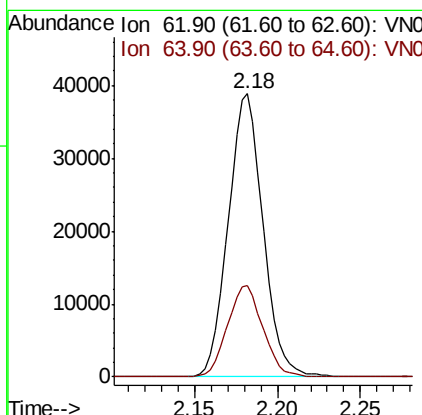
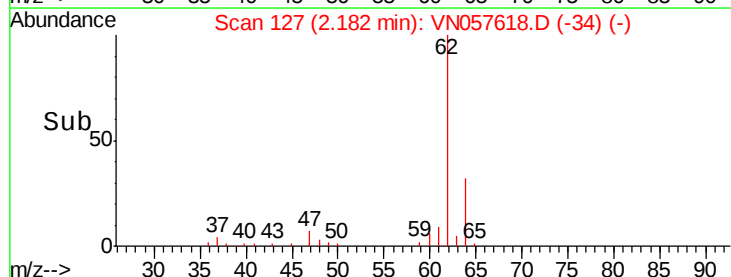
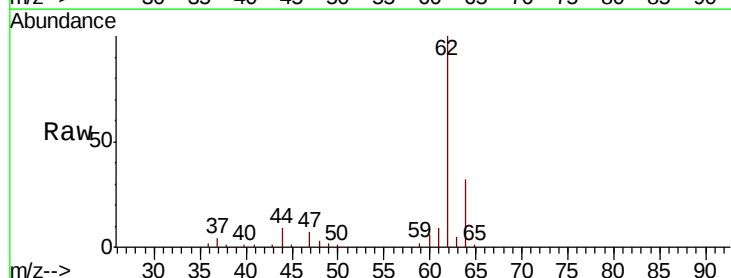
Instrument :
MSVOA_N
ClientSampled :

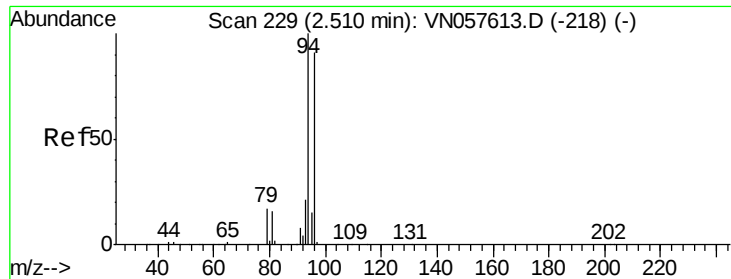
Tot Ion: 50 Resp: 75638
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1



#4
Vinyl Chloride
Concen: 20.623 ug/l
RT: 2.18 min Scan# 127
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 62 Resp: 56620
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





#5

Bromomethane

Concen: 22.734 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

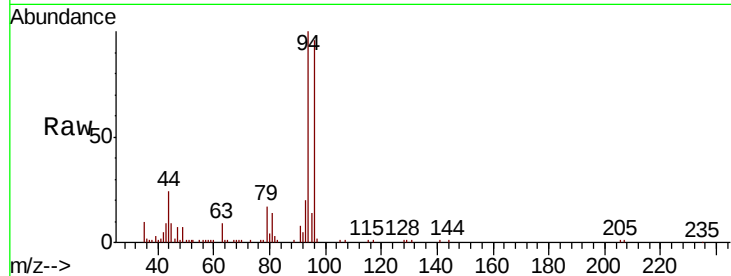
ClientSampleId :

Tot Ion: 94 Resp: 39493

Ion Ratio Lower Upper

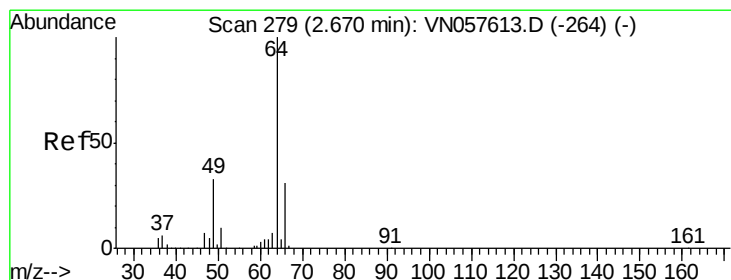
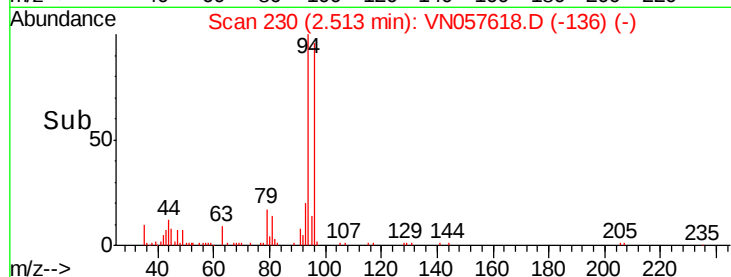
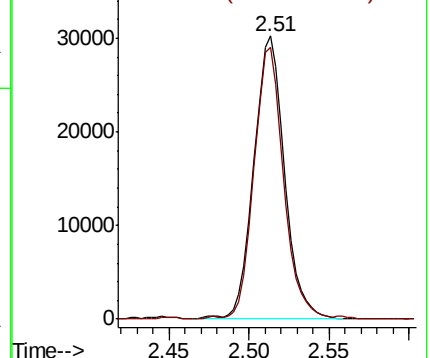
94 100

96 96.2 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.871 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.01 min

Lab File: VN057618.D

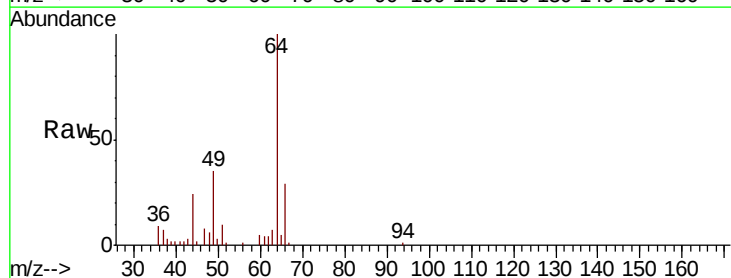
Acq: 31 Aug 2019 16:59

Tgt Ion: 64 Resp: 32007

Ion Ratio Lower Upper

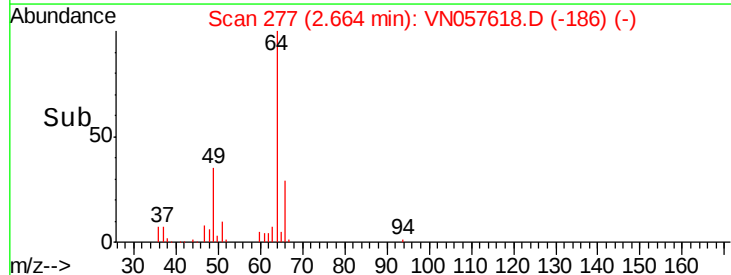
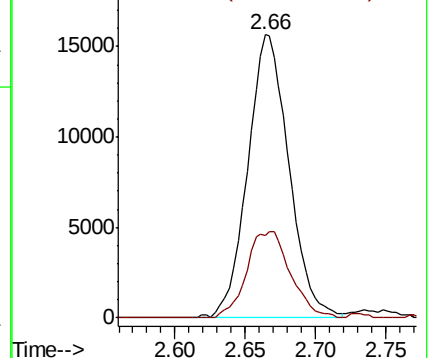
64 100

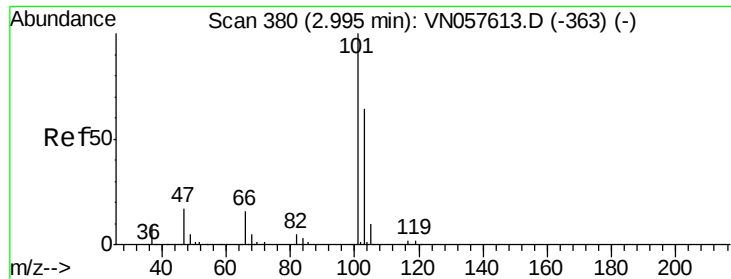
66 29.3 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



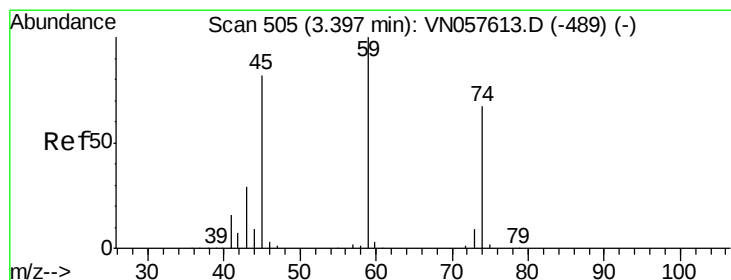
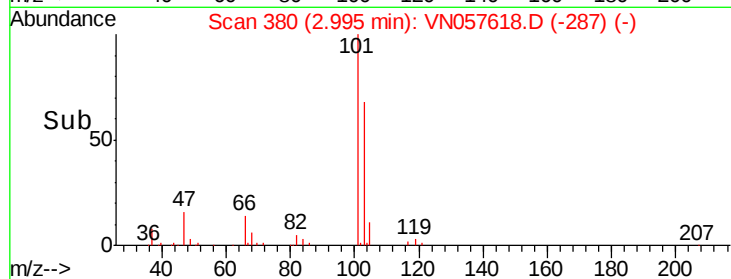
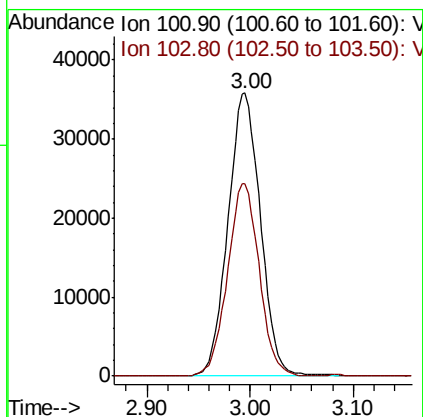
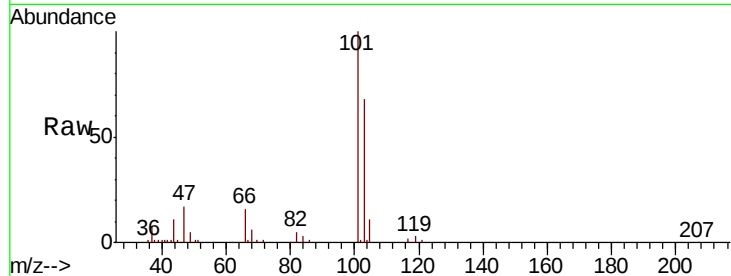


#7

Trichlorofluoromethane
Concen: 20.443 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampleId :

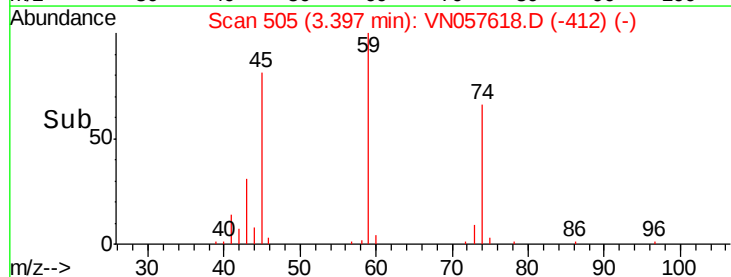
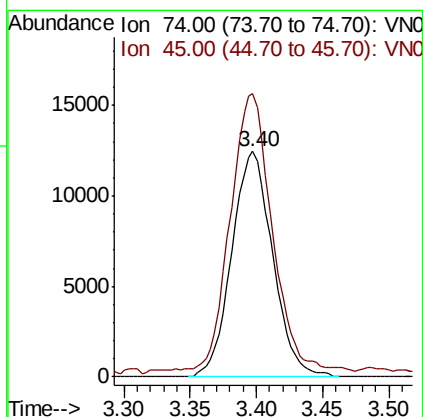
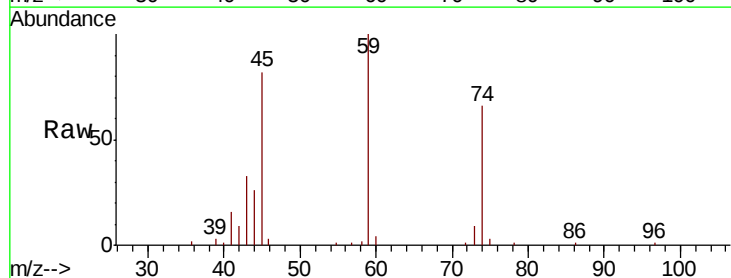
Tot Ion:101 Resp: 78785
Ion Ratio Lower Upper
101 100
103 68.1 51.3 76.9

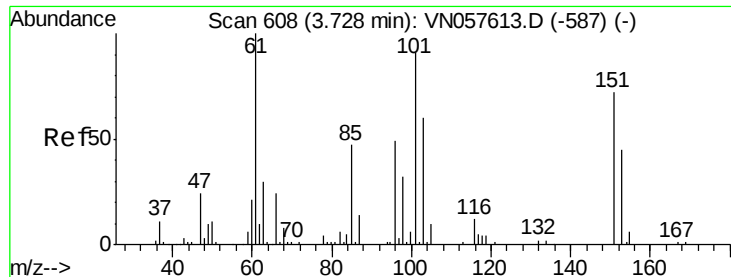


#8

Diethyl Ether
Concen: 20.925 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 74 Resp: 26685
Ion Ratio Lower Upper
74 100
45 129.7 61.9 185.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.197 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

ClientSampled :

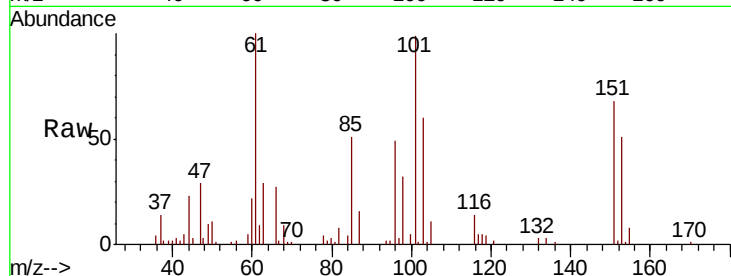
Tot Ion:101 Resp: 39461

Ion Ratio Lower Upper

101 100

85 55.5 42.1 63.1

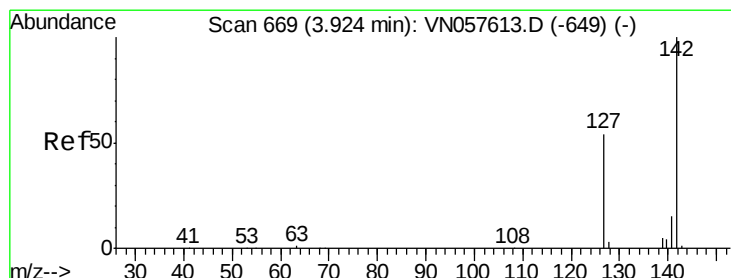
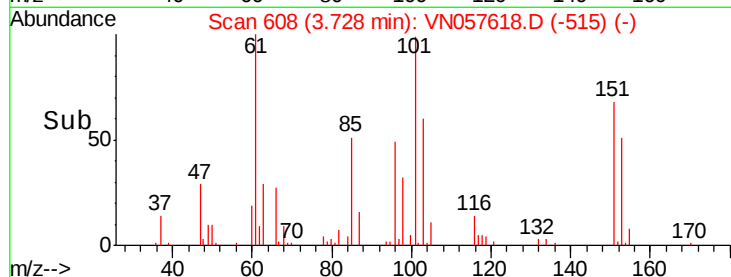
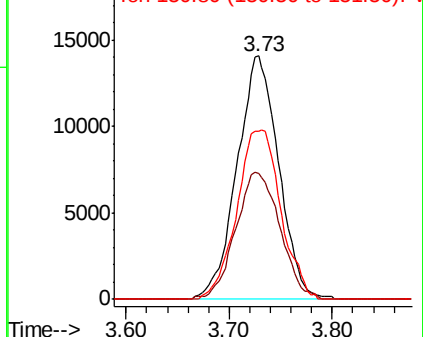
151 73.4 60.2 90.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.023 ug/l

RT: 3.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

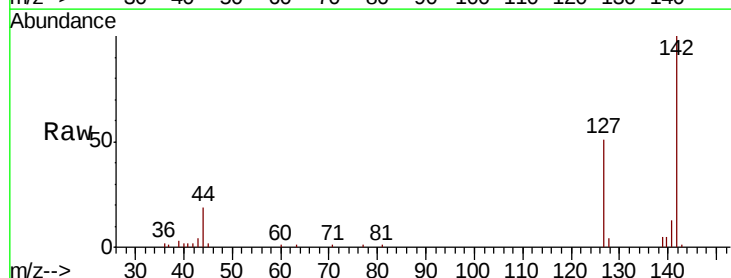
Tgt Ion:142 Resp: 50510

Ion Ratio Lower Upper

142 100

127 53.5 43.0 64.6

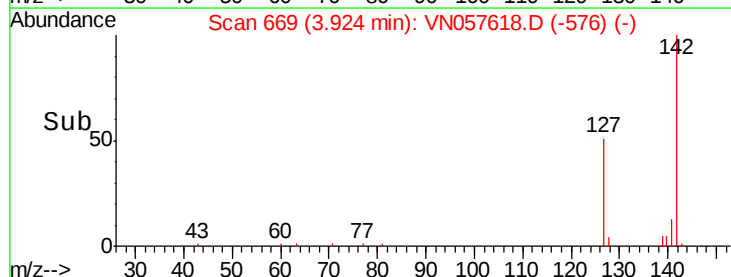
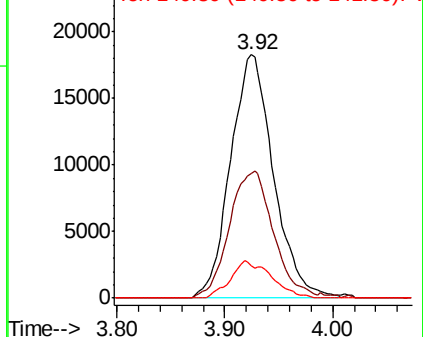
141 14.6 11.4 17.2

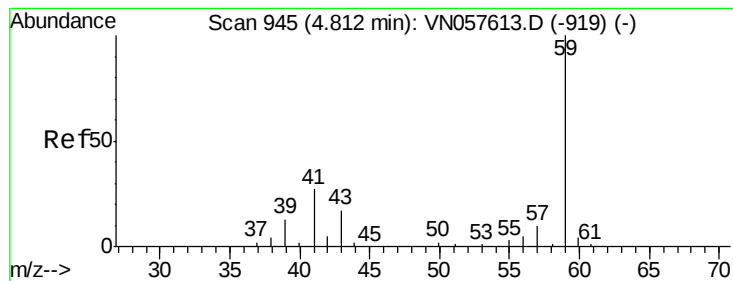


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



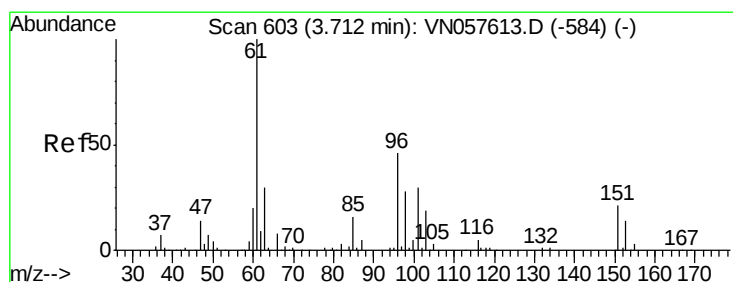
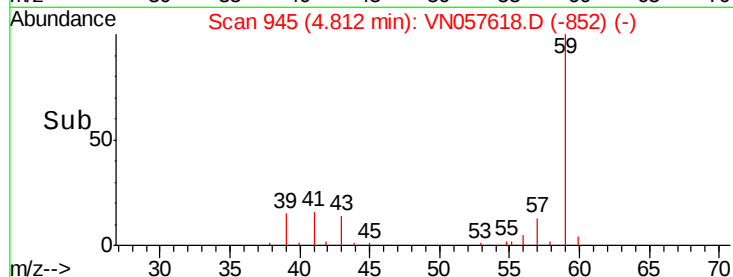
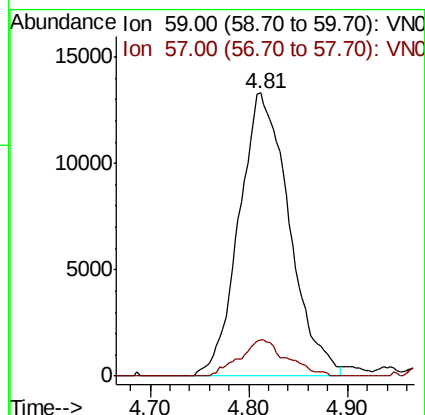
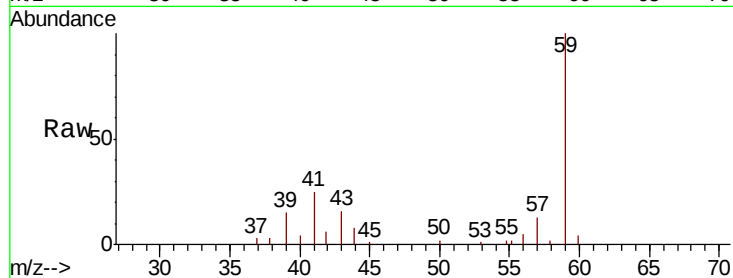


#11

Tert butyl alcohol
Concen: 103.904 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampled :

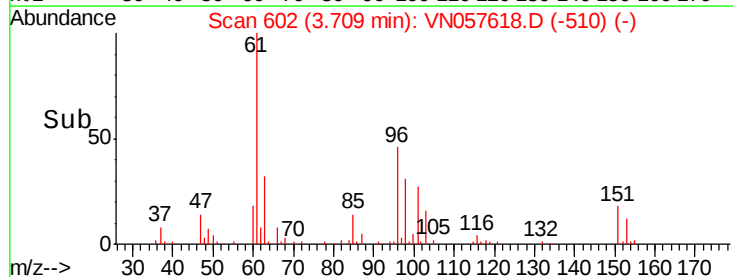
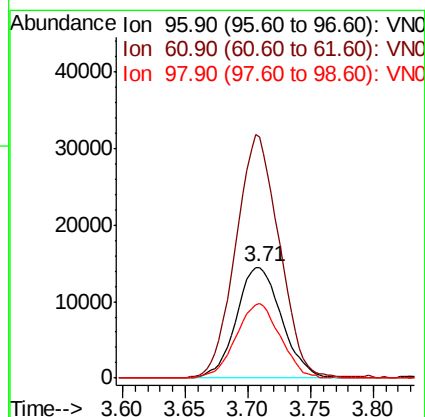
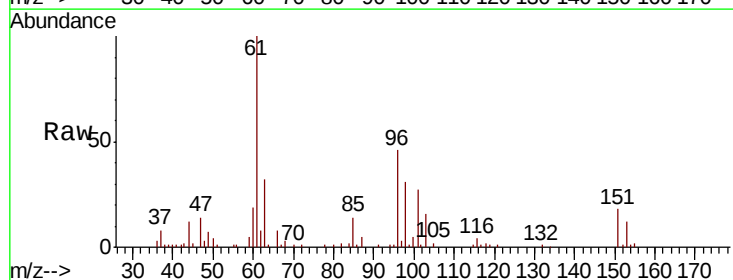
Tot Ion: 59 Resp: 46810
Ion Ratio Lower Upper
59 100
57 12.1 5.0 7.6#

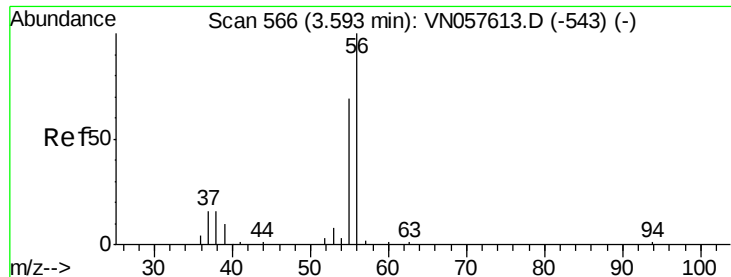


#12

1,1-Dichloroethene
Concen: 20.455 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 96 Resp: 36228
Ion Ratio Lower Upper
96 100
61 216.2 172.1 258.1
98 67.4 48.3 72.5





#13

Acrolein

Concen: 97.668 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

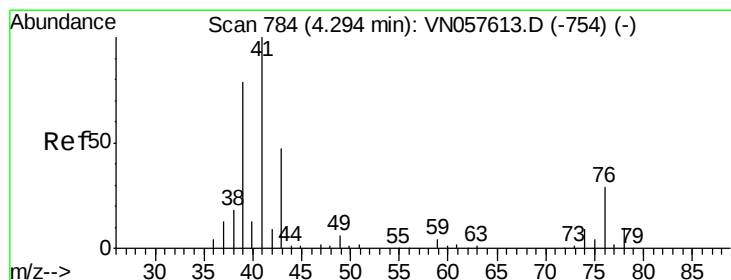
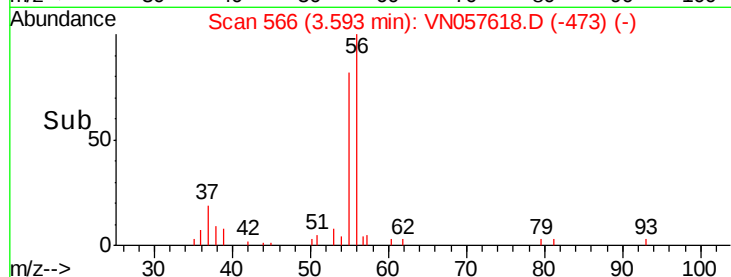
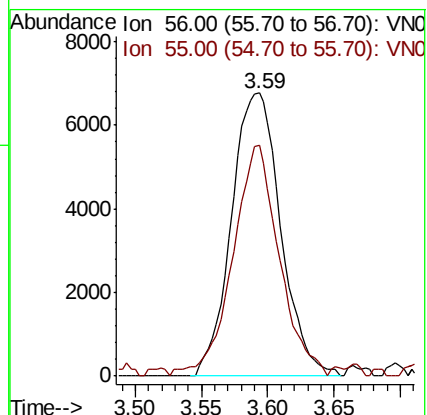
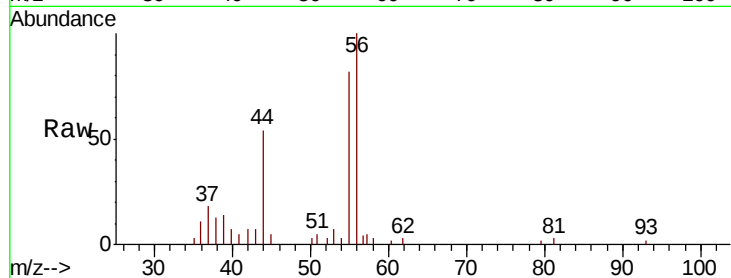
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 17495

Ion Ratio Lower Upper

56 100

55 77.1 56.5 84.7



#14

Allyl chloride

Concen: 19.076 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

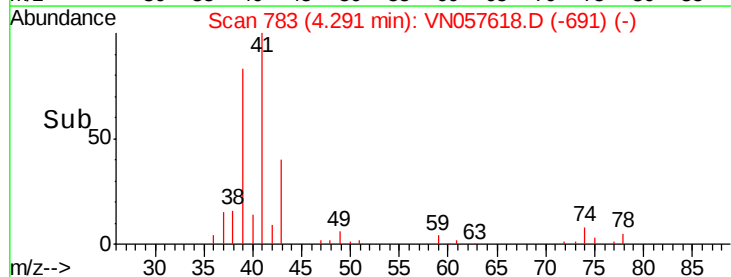
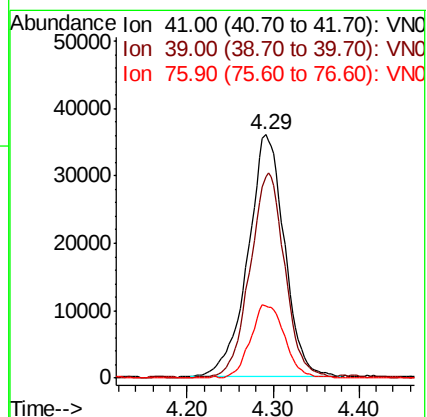
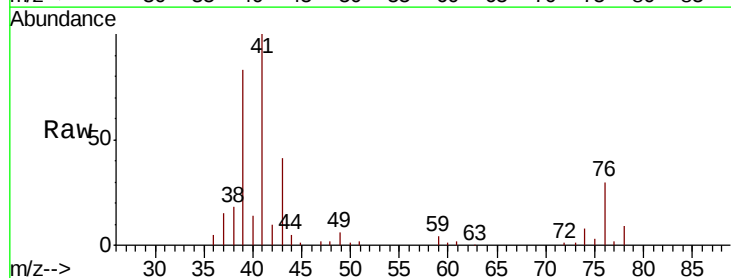
Tgt Ion: 41 Resp: 105401

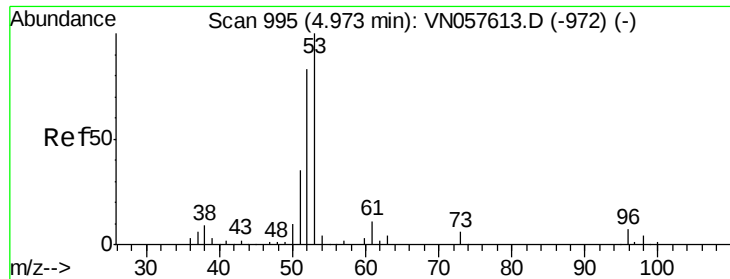
Ion Ratio Lower Upper

41 100

39 79.4 60.9 91.3

76 28.4 21.1 31.7

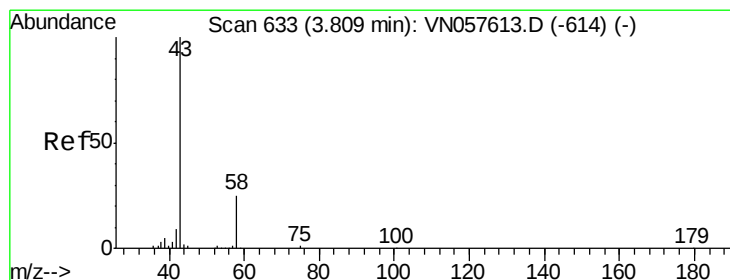
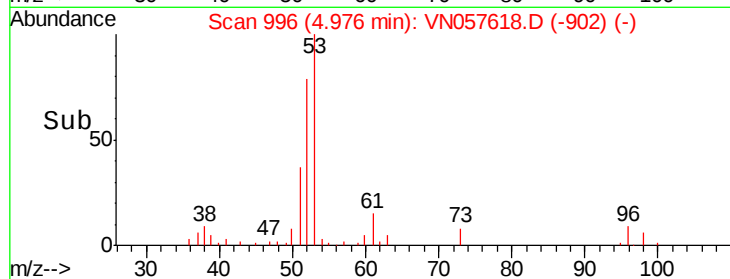
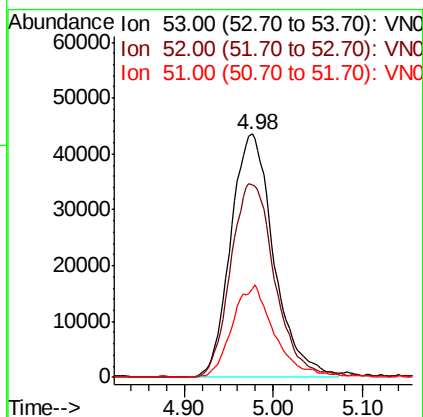
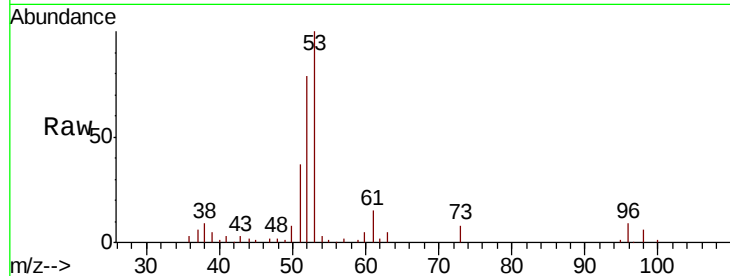




#15
 Acrylonitrile
 Concen: 108.174 ug/l
 RT: 4.98 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

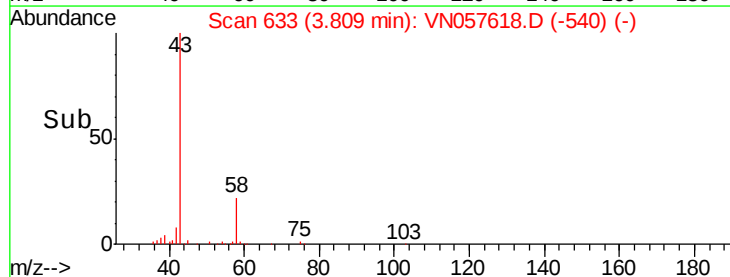
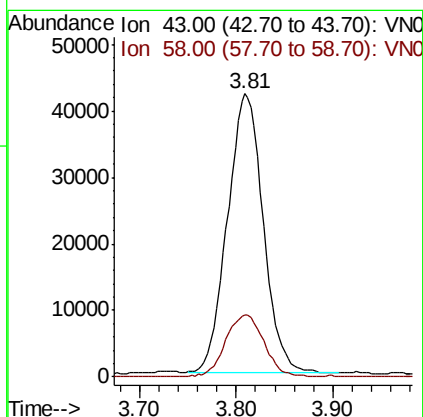
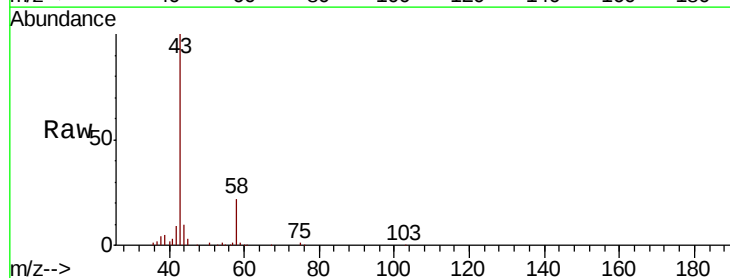
Instrument :
 MSVOA_N
 ClientSampled :

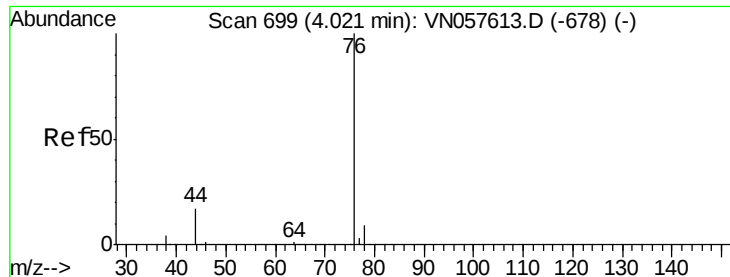
Tot Ion: 53 Resp: 146234
 Ion Ratio Lower Upper
 53 100
 52 81.7 67.1 100.7
 51 37.1 30.2 45.4



#16
 Acetone
 Concen: 89.760 ug/l
 RT: 3.81 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Tgt Ion: 43 Resp: 108051
 Ion Ratio Lower Upper
 43 100
 58 22.3 20.0 30.0

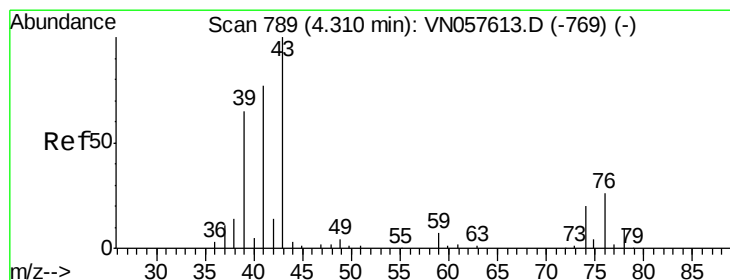
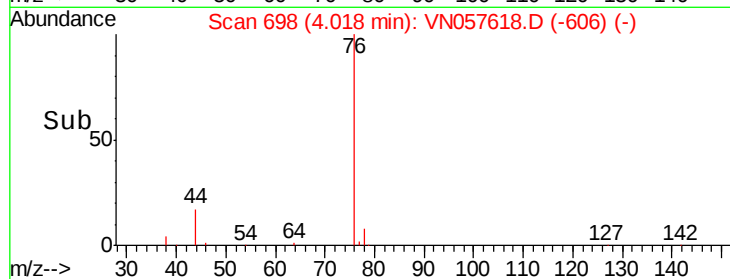
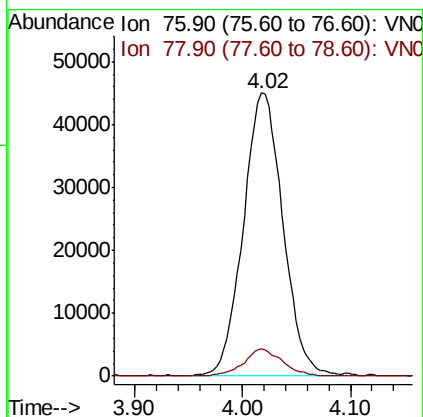
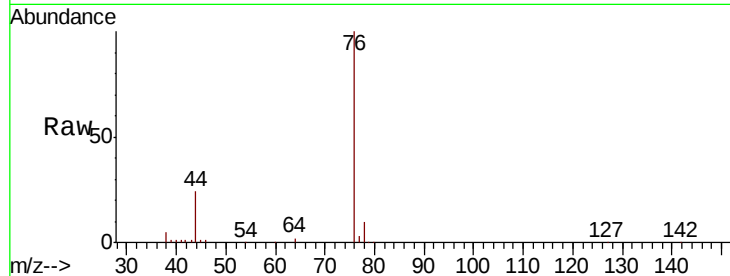




#17
Carbon Disulfide
Concen: 20.097 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

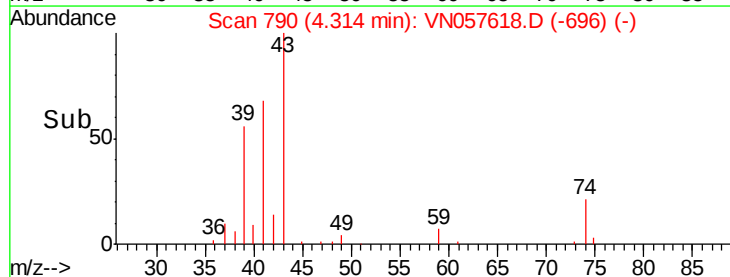
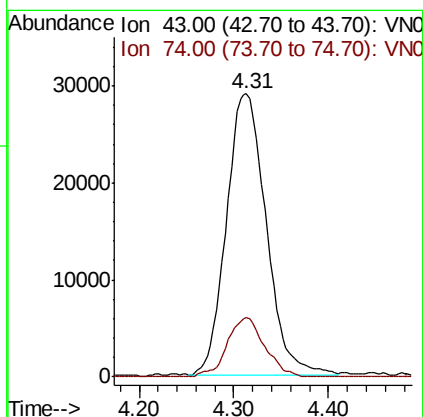
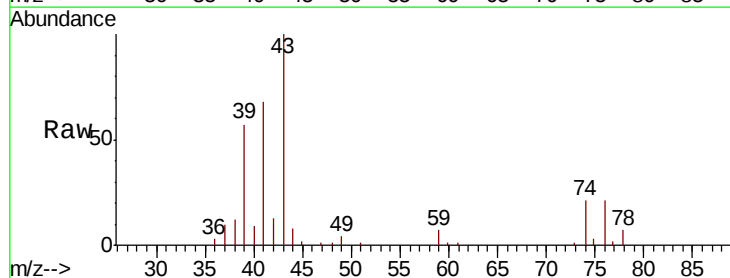
Instrument :
MSVOA_N
ClientSampled :

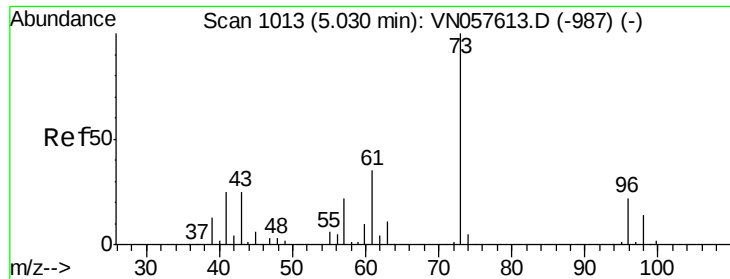
Tot Ion: 76 Resp: 115074
Ion Ratio Lower Upper
76 100
78 9.7 6.9 10.3



#18
Methyl Acetate
Concen: 20.403 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 43 Resp: 84333
Ion Ratio Lower Upper
43 100
74 19.8 15.7 23.5

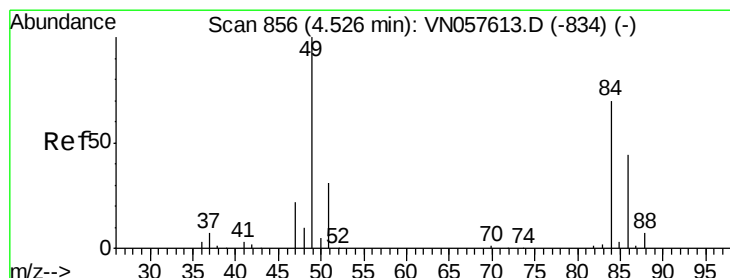
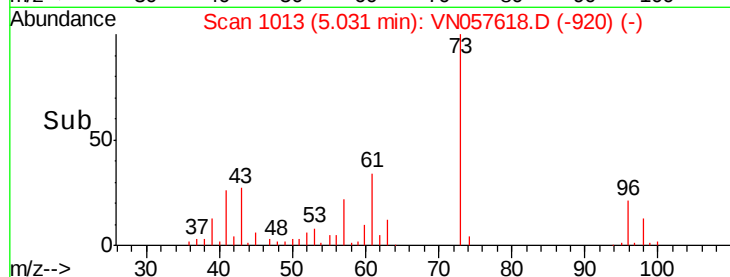
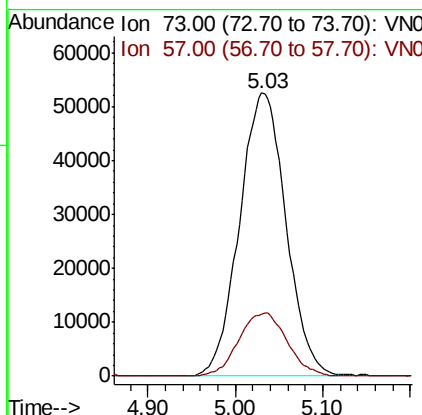
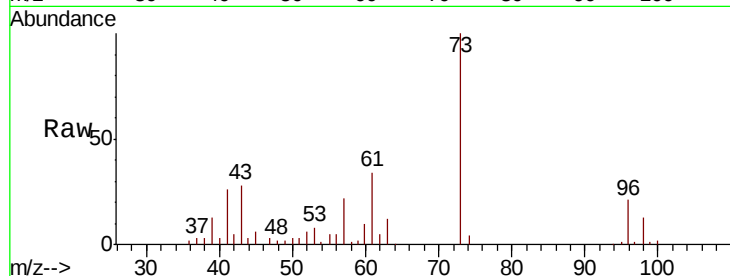




#19
Methyl tert-butyl Ether
Concen: 21.131 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

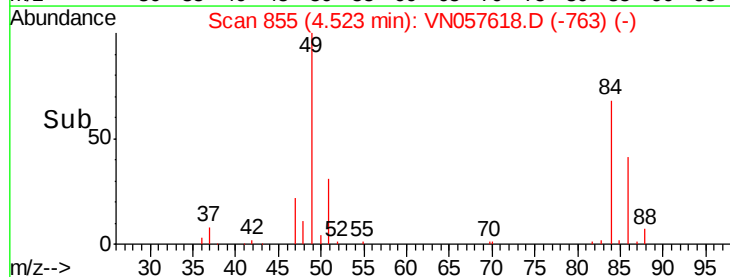
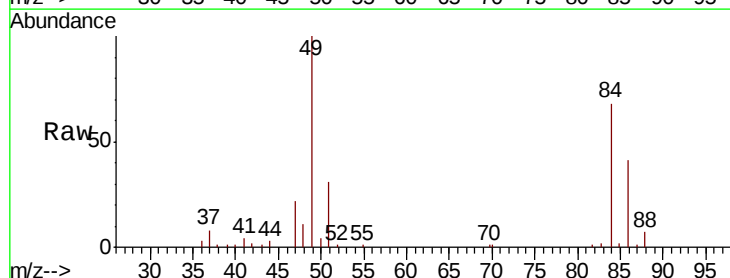
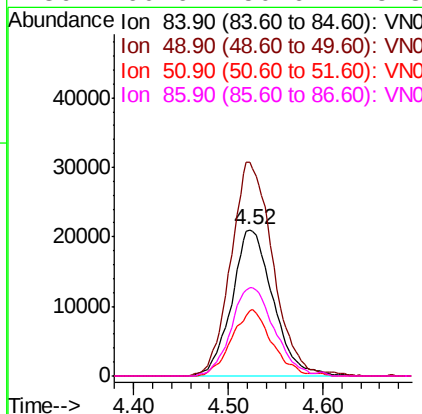
Instrument :
MSVOA_N
ClientSampled :

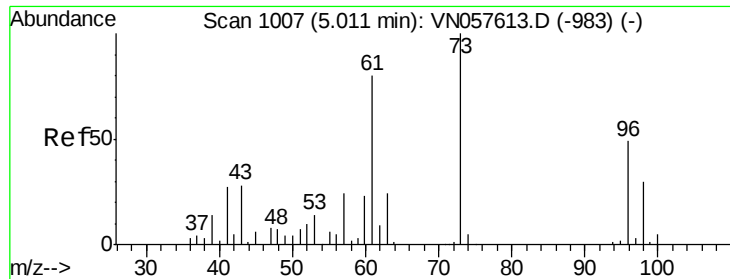
Tot Ion: 73 Resp: 193623
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 21.321 ug/l
RT: 4.52 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 84 Resp: 63539
Ion Ratio Lower Upper
84 100
49 146.3 113.8 170.6
51 44.7 35.0 52.6
86 60.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.768 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampleId :

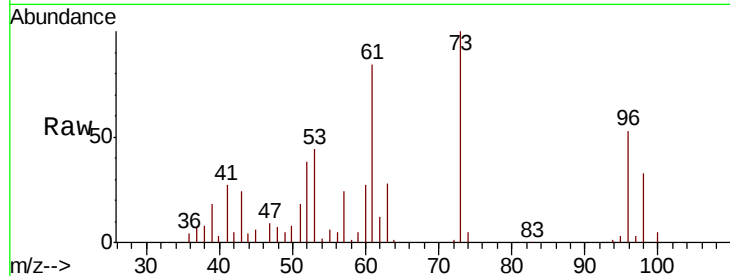
Tot Ion: 96 Resp: 54683

Ion Ratio Lower Upper

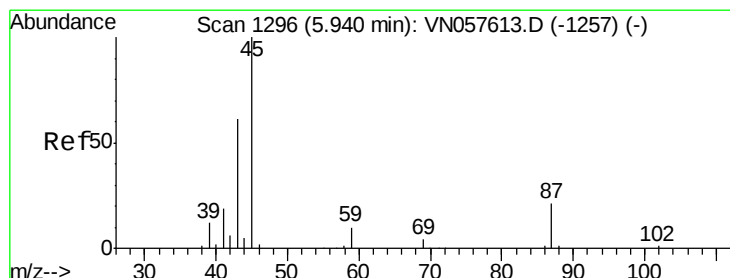
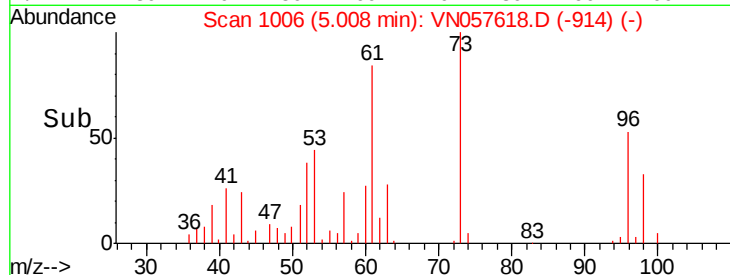
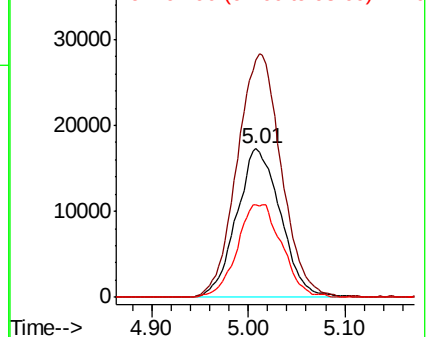
96 100

61 159.6 131.6 197.4

98 62.4 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 21.197 ug/l

RT: 5.94 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Tgt Ion: 45 Resp: 240759

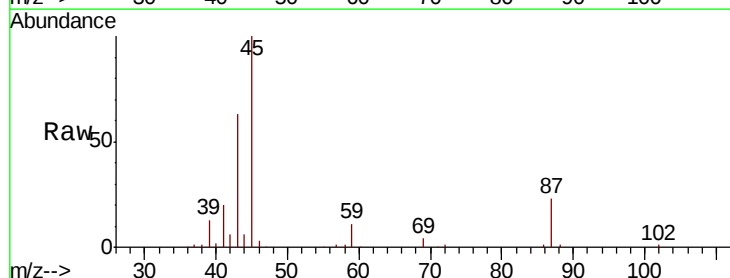
Ion Ratio Lower Upper

45 100

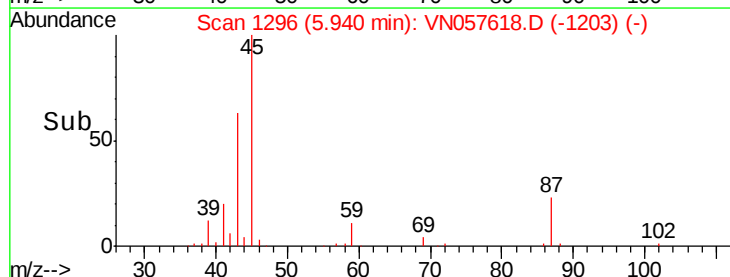
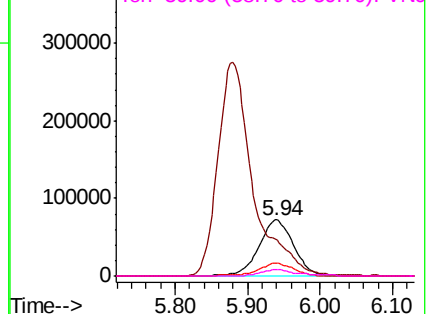
43 61.3 49.1 73.7

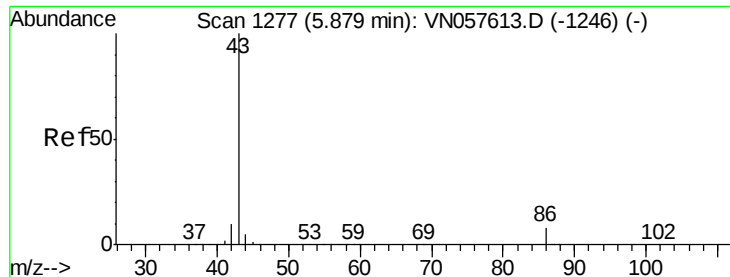
87 23.4 17.0 25.6

59 10.2 8.2 12.2



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





#23

Vinyl Acetate

Concen: 106.228 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

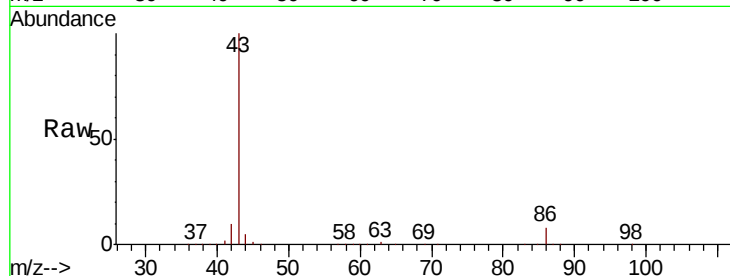
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 927298

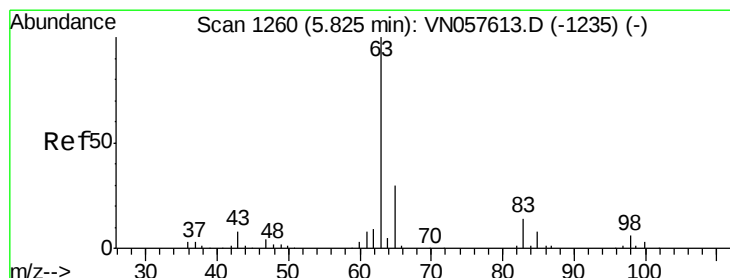
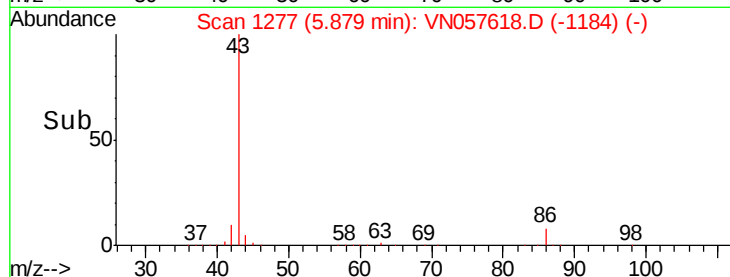
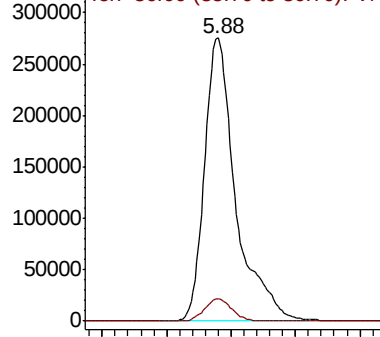
Ion Ratio Lower Upper

43 100

86 8.0 6.1 9.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.745 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

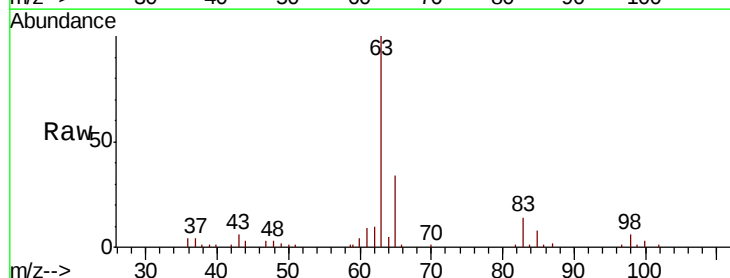
Tgt Ion: 63 Resp: 118279

Ion Ratio Lower Upper

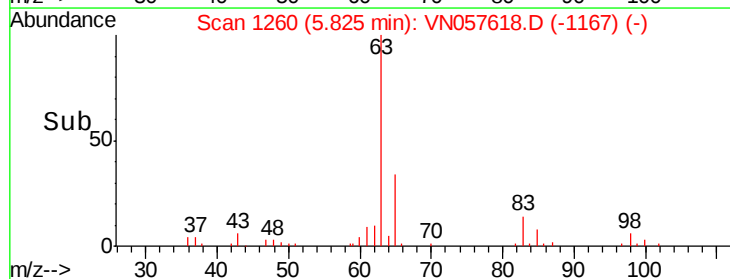
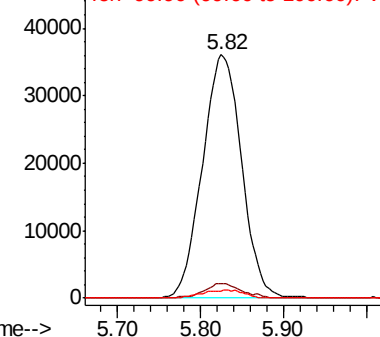
63 100

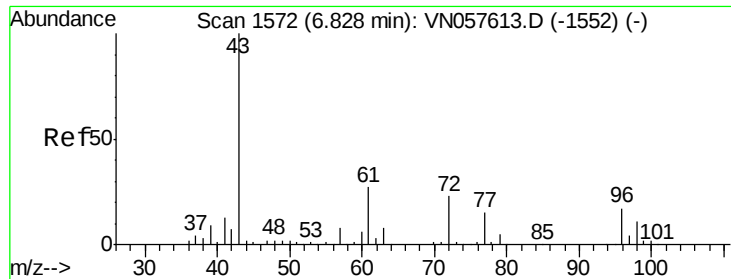
98 5.9 2.8 8.4

100 3.0 1.5 4.5



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0

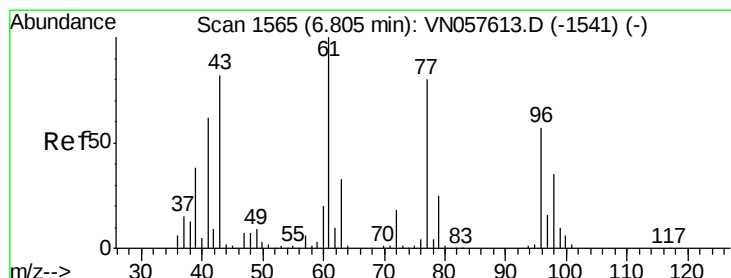
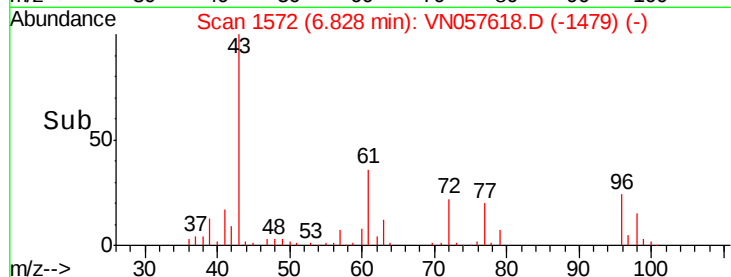
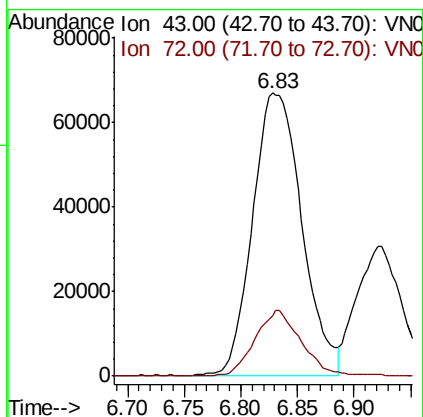
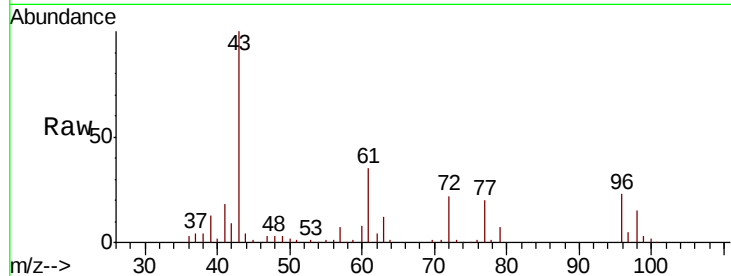




#25
2-Butanone
Concen: 100.582 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

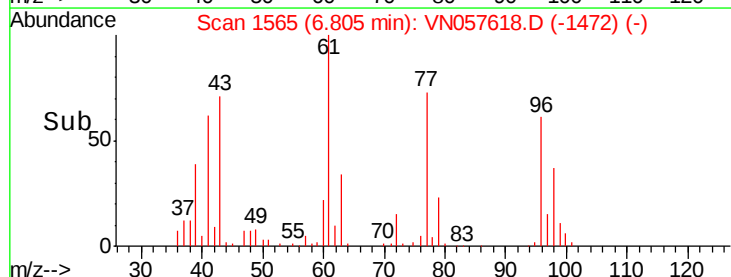
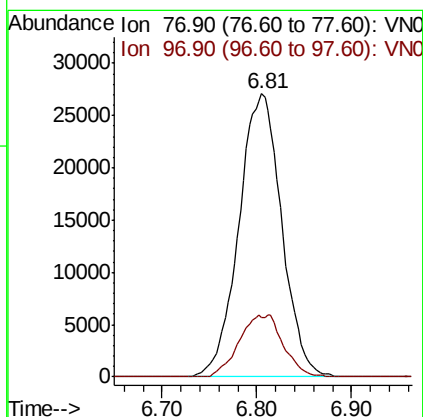
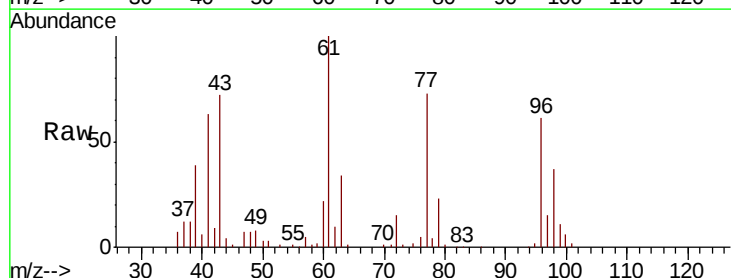
Instrument :
MSVOA_N
ClientSampleId :

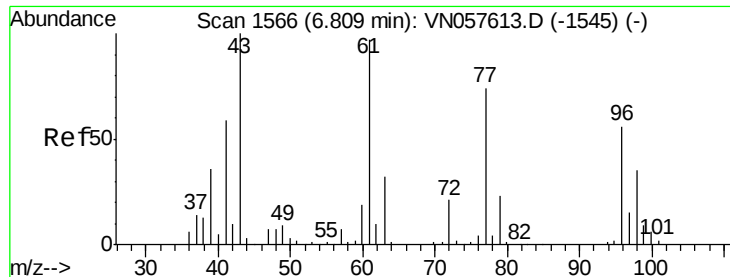
Tot Ion: 43 Resp: 201755
Ion Ratio Lower Upper
43 100
72 21.7 18.2 27.4



#26
2,2-Dichloropropane
Concen: 18.643 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 77 Resp: 84965
Ion Ratio Lower Upper
77 100
97 13.4 10.6 31.8



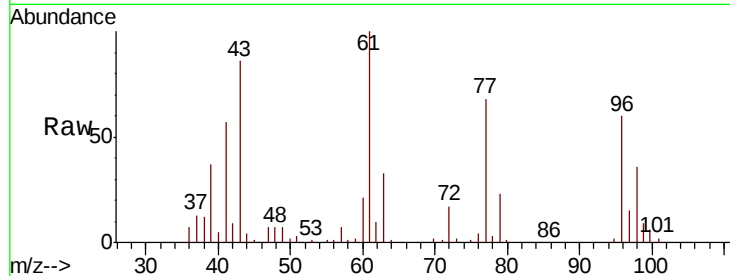


#27

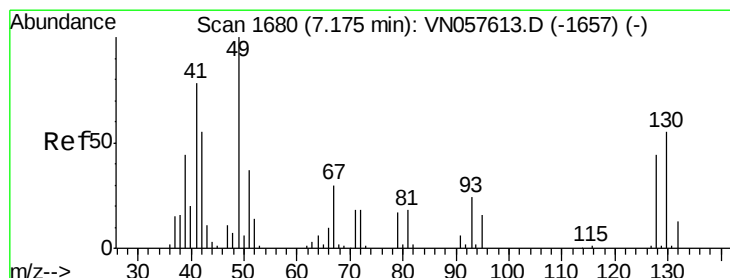
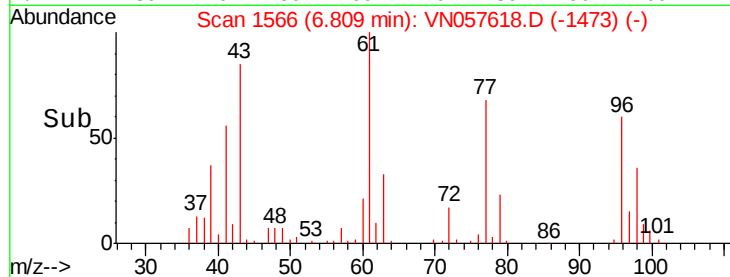
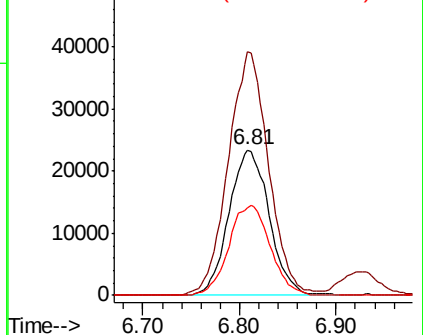
cis-1,2-Dichloroethene
Concen: 21.504 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 67616
Ion Ratio Lower Upper
96 100
61 167.7 0.0 344.6
98 63.8 0.0 124.8



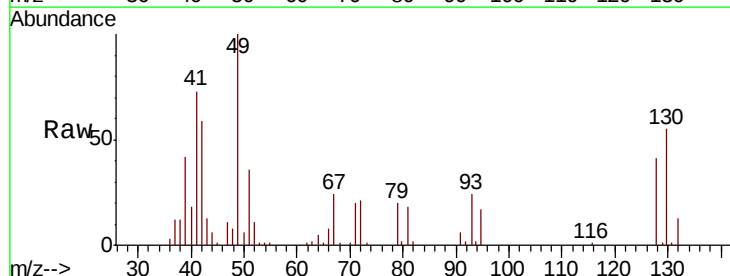
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



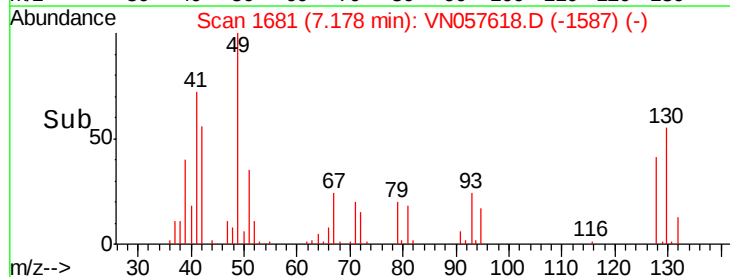
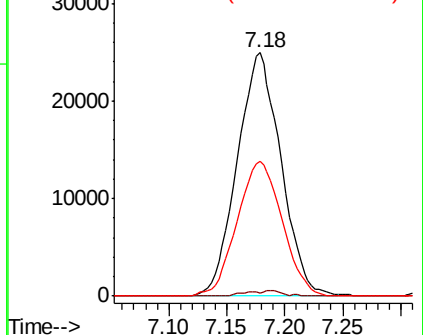
#28

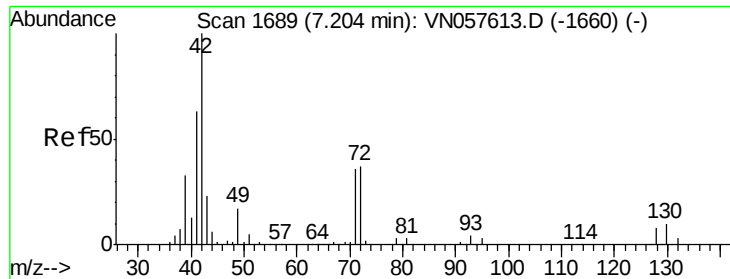
Bromochloromethane
Concen: 21.502 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 49 Resp: 65287
Ion Ratio Lower Upper
49 100
129 0.8 0.0 1.8
130 56.9 45.8 68.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

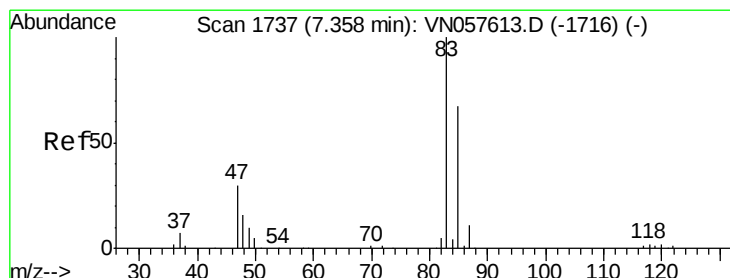
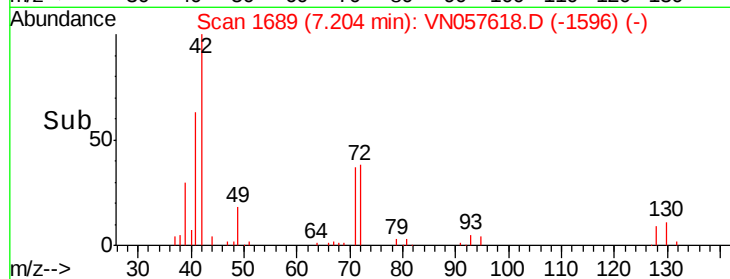
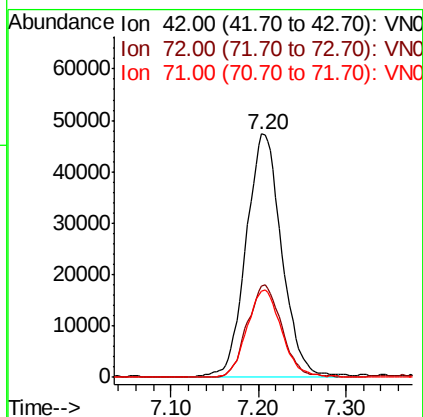
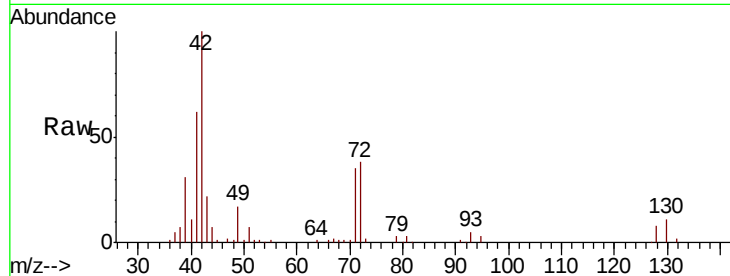




#29
Tetrahydrofuran
Concen: 106.303 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

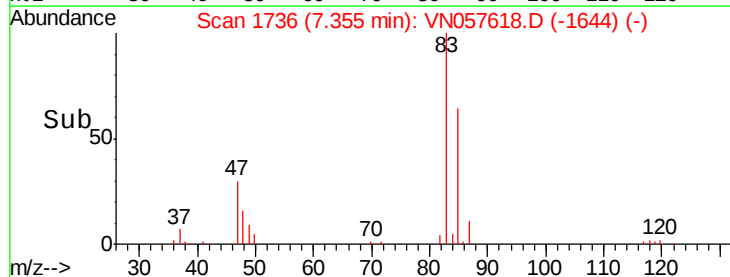
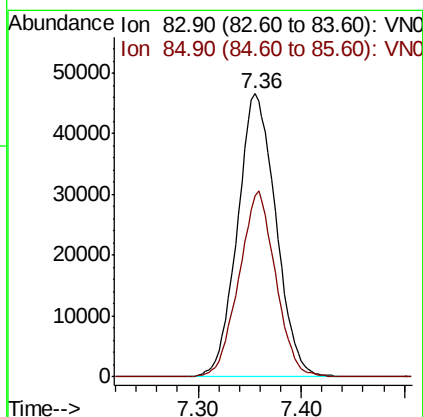
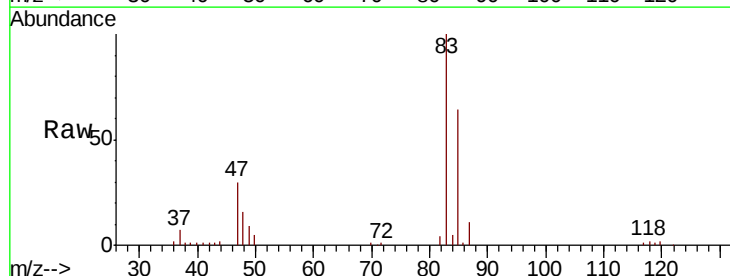
Instrument :
MSVOA_N
ClientSampled :

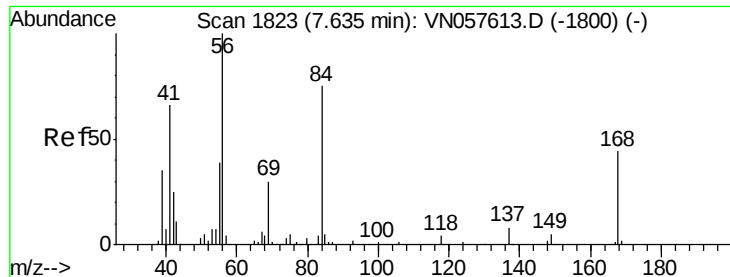
Tot Ion: 42 Resp: 133775
Ion Ratio Lower Upper
42 100
72 36.9 29.6 44.4
71 34.9 27.9 41.9



#30
Chloroform
Concen: 20.854 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 83 Resp: 120625
Ion Ratio Lower Upper
83 100
85 63.9 53.2 79.8

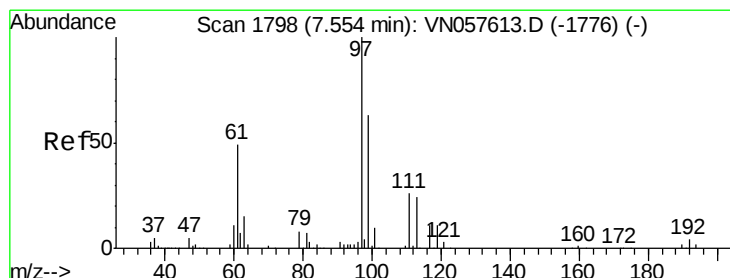
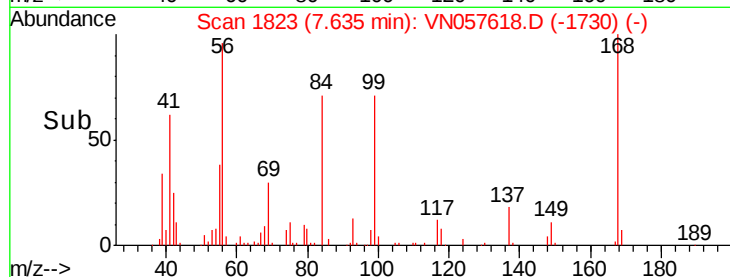
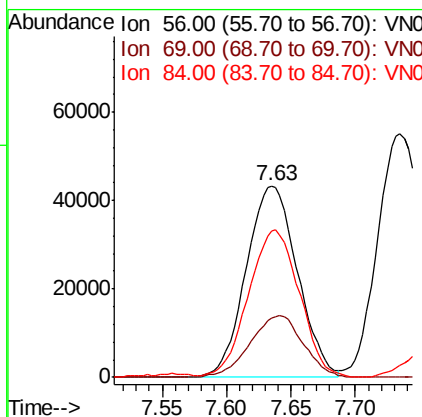
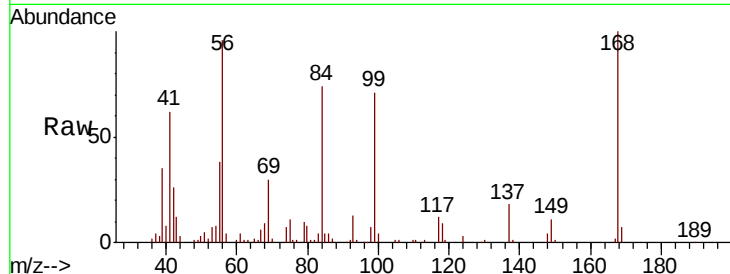




#31
Cyclohexane
Concen: 21.040 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

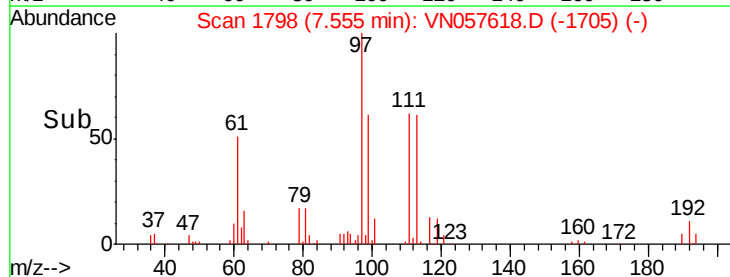
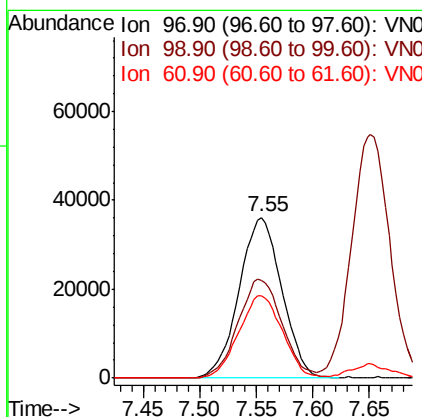
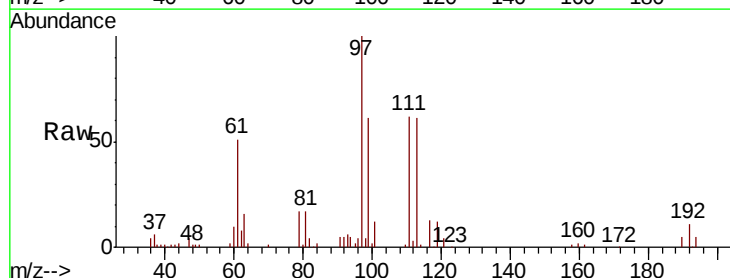
Instrument :
MSVOA_N
ClientSampleId :

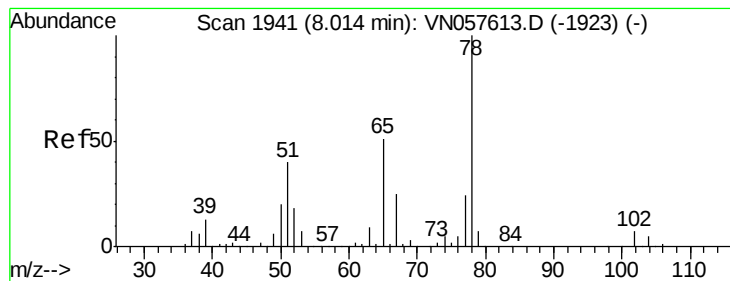
Tot Ion: 56 Resp: 119727
Ion Ratio Lower Upper
56 100
69 30.9 24.4 36.6
84 75.1 59.9 89.9



#32
1,1,1-Trichloroethane
Concen: 20.021 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 97 Resp: 94995
Ion Ratio Lower Upper
97 100
99 63.4 50.6 75.8
61 52.4 41.1 61.7





#33

1,2-Dichloroethane-d4

Concen: 50.253 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

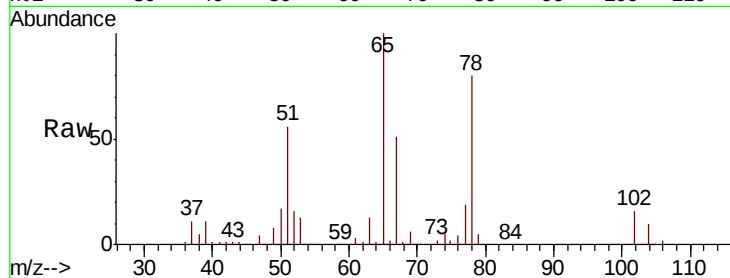
ClientSampleId :

Tot Ion: 65 Resp: 215852

Ion Ratio Lower Upper

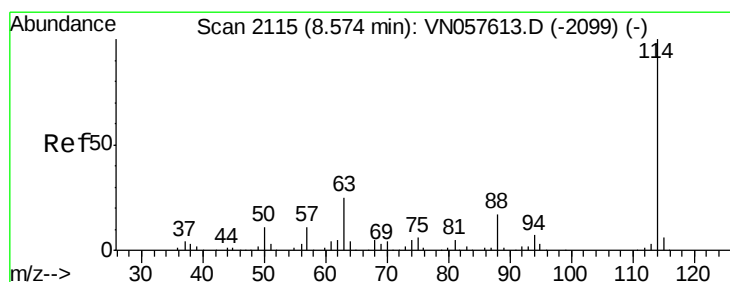
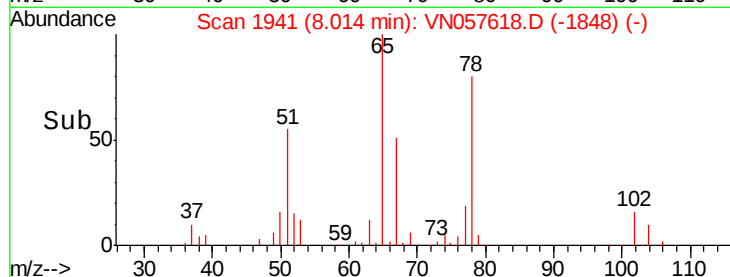
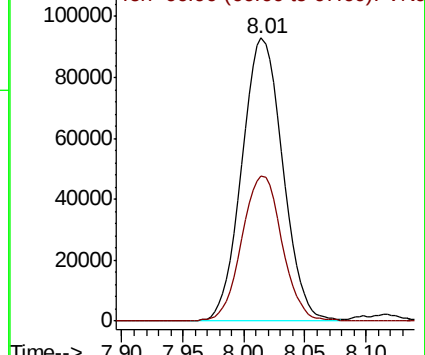
65 100

67 50.5 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VN057618.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057618.D (-1848) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

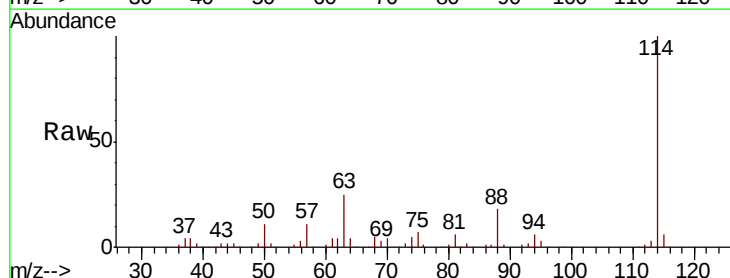
Tgt Ion: 114 Resp: 322388

Ion Ratio Lower Upper

114 100

63 25.4 0.0 49.0

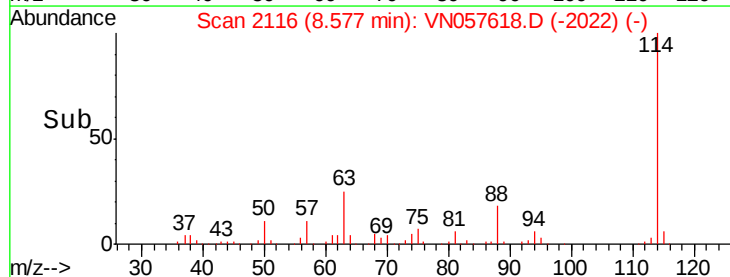
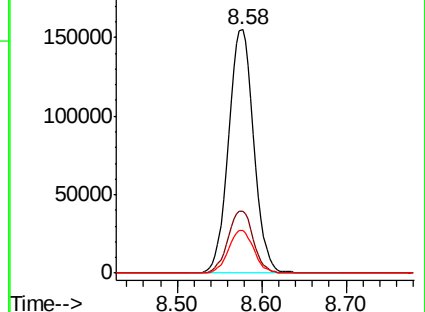
88 17.7 0.0 33.0

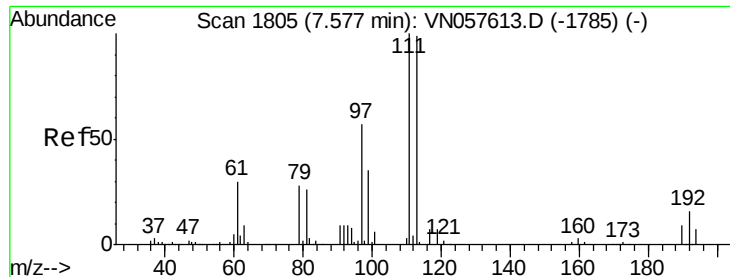


Abundance Ion 113.90 (113.60 to 114.60): VN057618.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN057618.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN057618.D (-2022) (-)

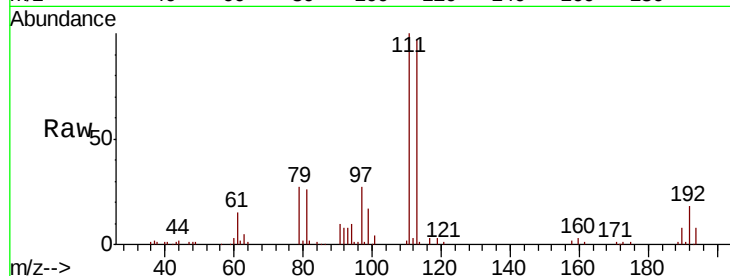




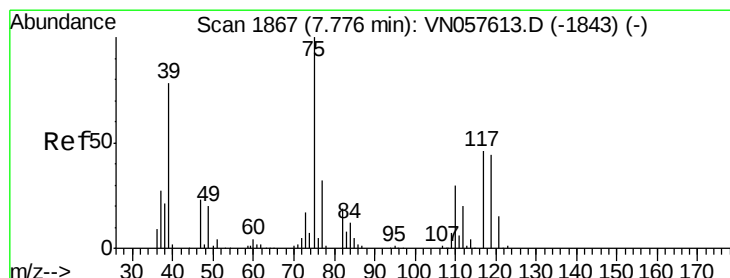
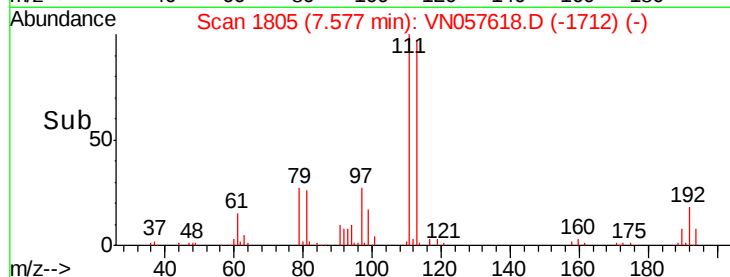
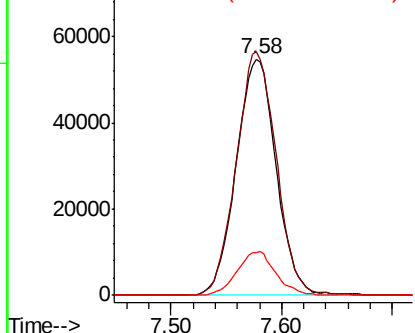
#35
 Dibromofluoromethane
 Concen: 48.915 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	17.8	13.5	20.3

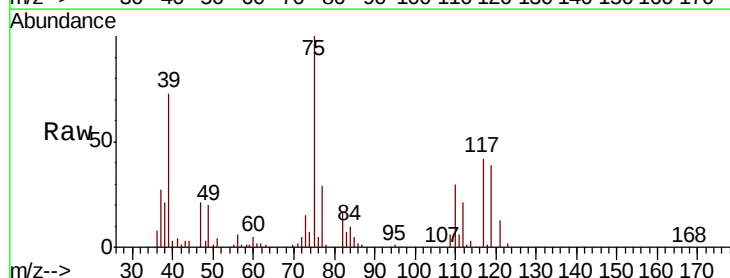


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

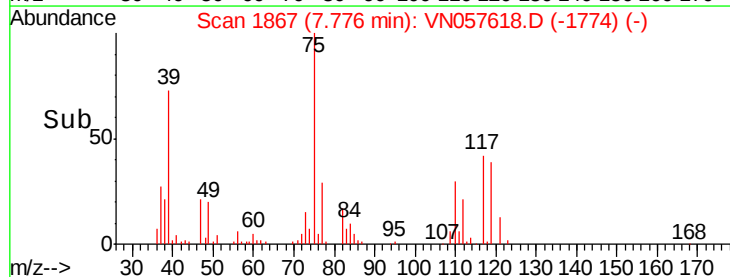
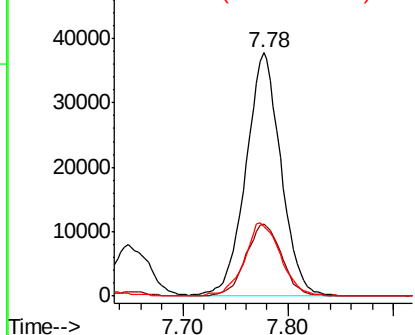


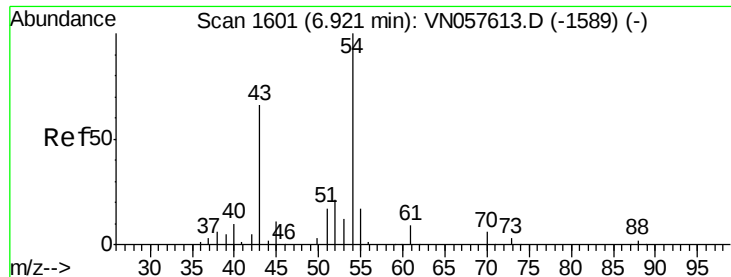
#36
 1,1-Dichloropropene
 Concen: 20.449 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.2	15.6	46.8
77	31.1	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

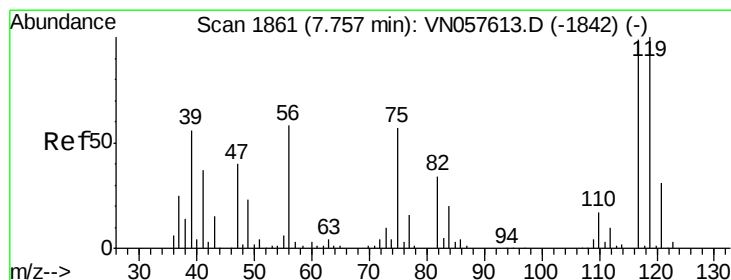
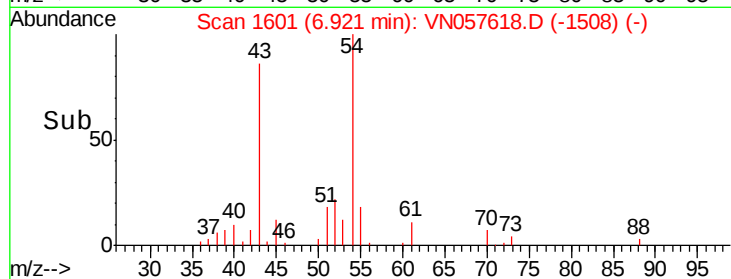
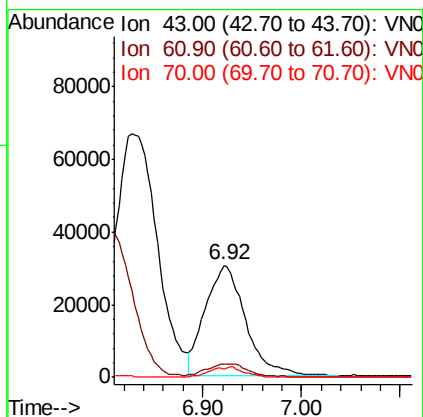
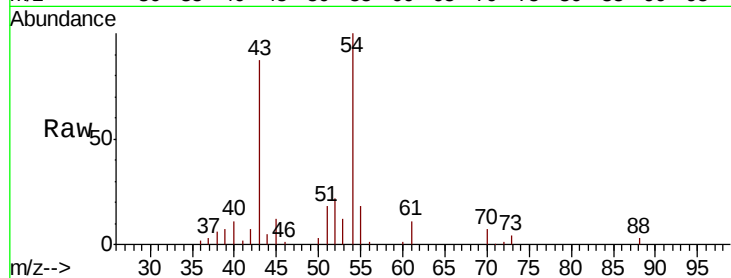




#37
Ethyl Acetate
Concen: 21.381 ug/l
RT: 6.92 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

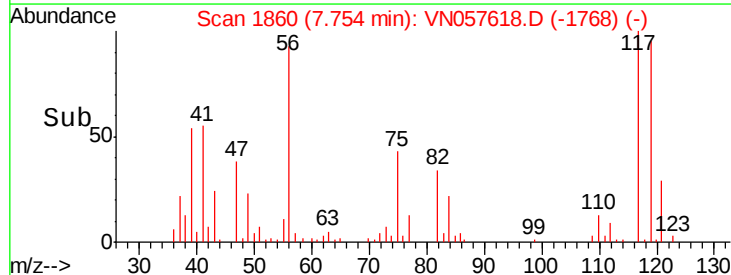
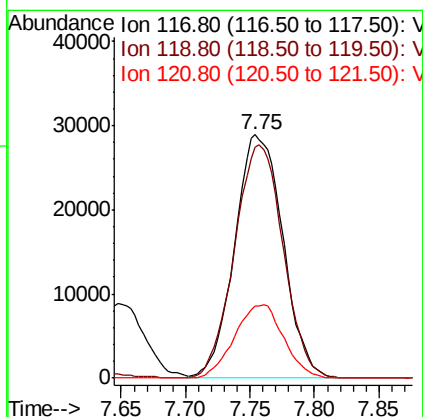
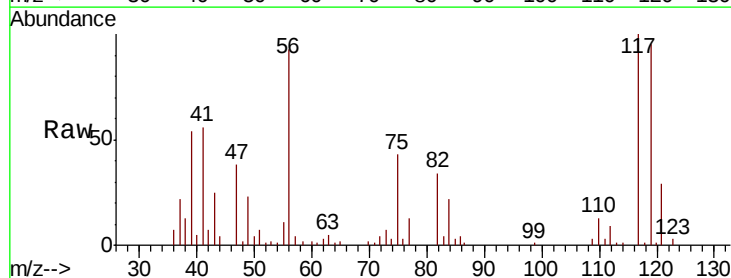
Instrument :
MSVOA_N
ClientSampled :

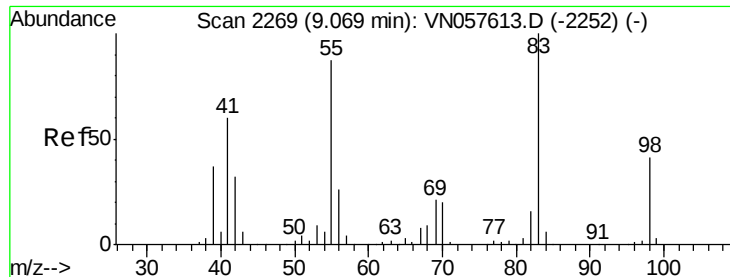
Tot Ion: 43 Resp: 87053
Ion Ratio Lower Upper
43 100
61 11.5 10.1 15.1
70 3.9 6.8 10.2#



#38
Carbon Tetrachloride
Concen: 19.691 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 117 Resp: 75336
Ion Ratio Lower Upper
117 100
119 94.9 80.6 120.8
121 29.5 25.1 37.7

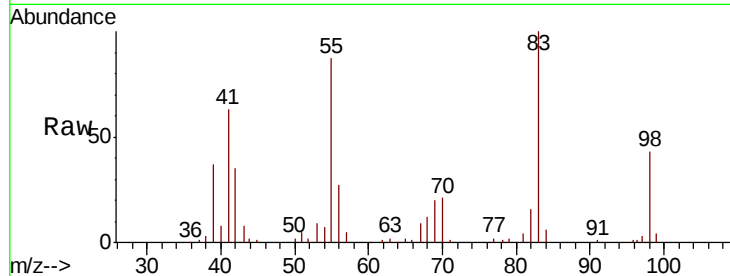




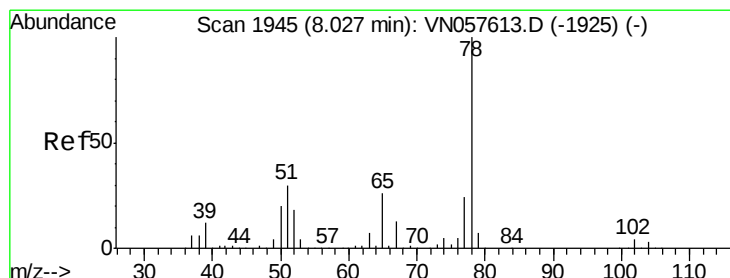
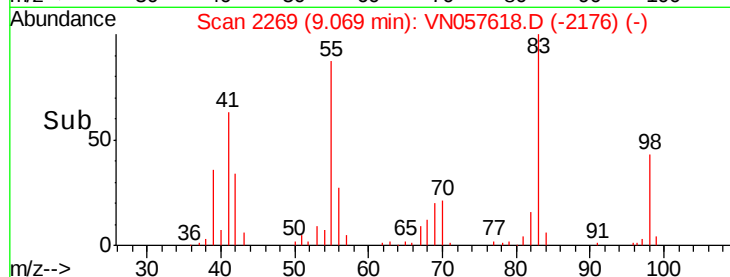
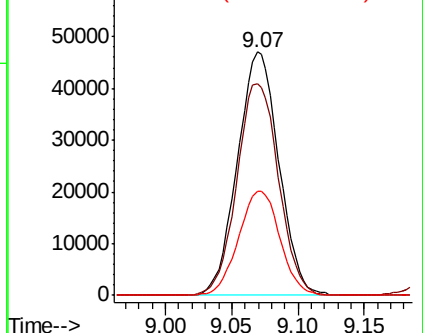
#39
Methvlcvclohexane
Concen: 20.218 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 102097
Ion Ratio Lower Upper
83 100
55 87.1 69.8 104.8
98 42.6 32.7 49.1

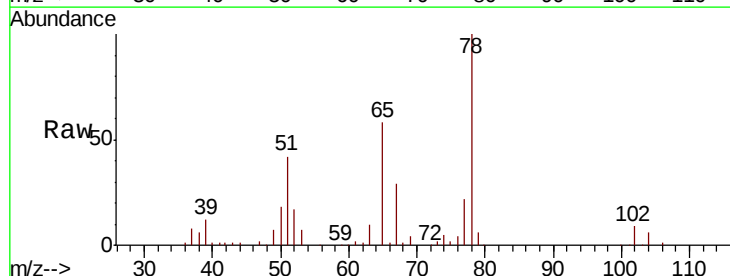


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

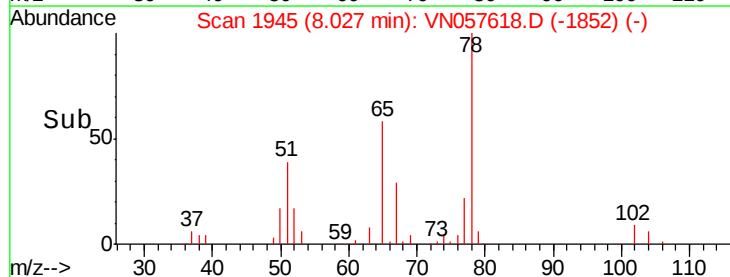
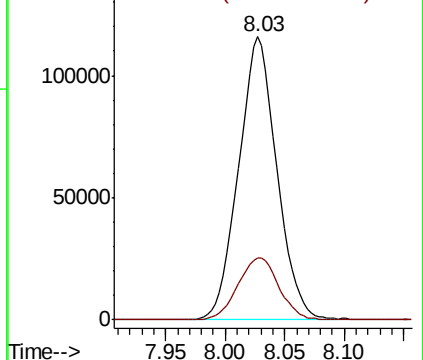


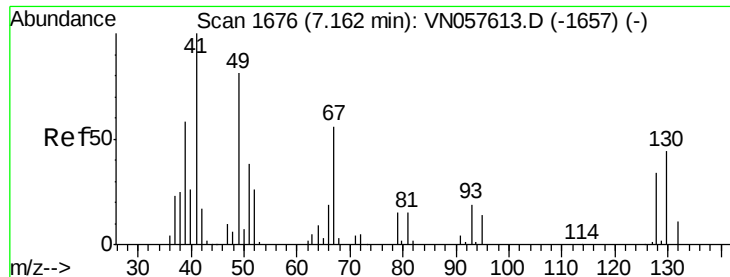
#40
Benzene
Concen: 20.692 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 78 Resp: 257452
Ion Ratio Lower Upper
78 100
77 22.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

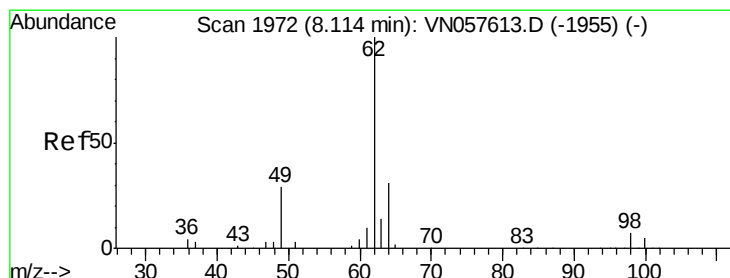
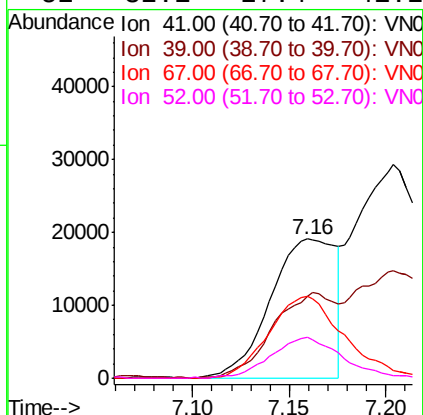
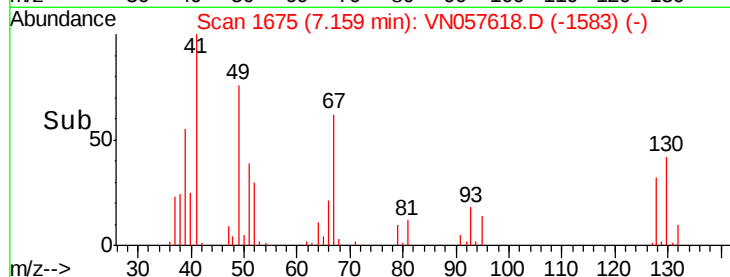
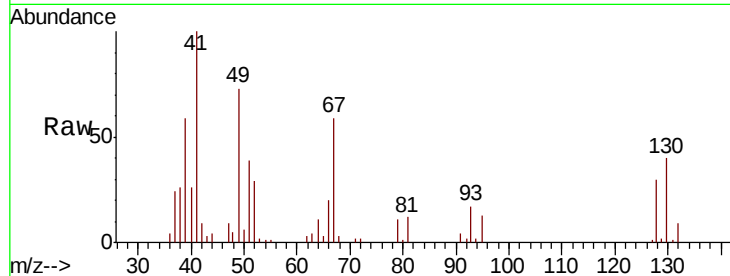




#41
Methacrylonitrile
Concen: 21.069 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

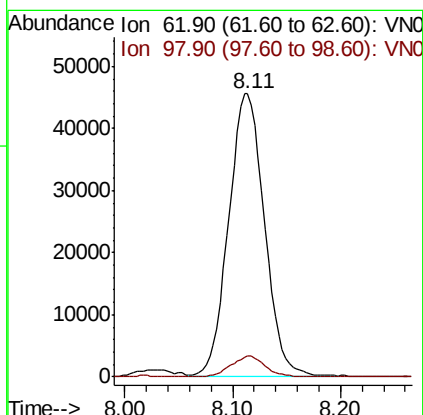
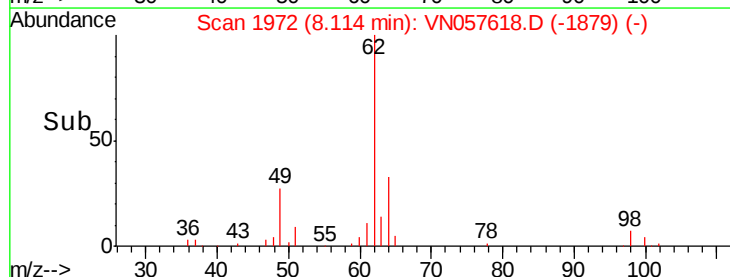
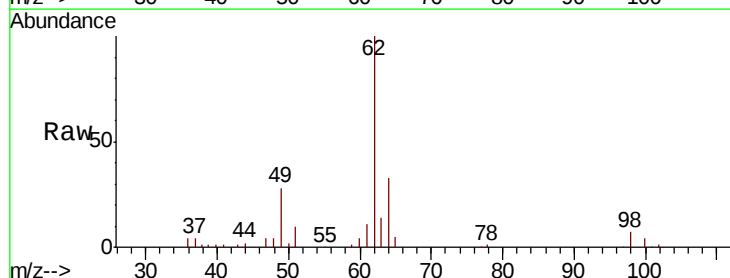
Instrument :
MSVOA_N
ClientSampleId :

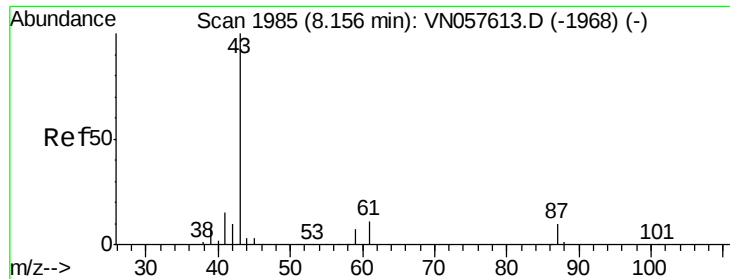
Tot Ion: 41 Resp: 44925
Ion Ratio Lower Upper
41 100
39 58.5 50.6 75.8
67 68.3 56.9 85.3
52 32.1 27.4 41.2



#42
1,2-Dichloroethane
Concen: 20.745 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 62 Resp: 104836
Ion Ratio Lower Upper
62 100
98 7.0 0.0 14.0





#43

Isopropyl Acetate

Concen: 20.727 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

ClientSampleId :

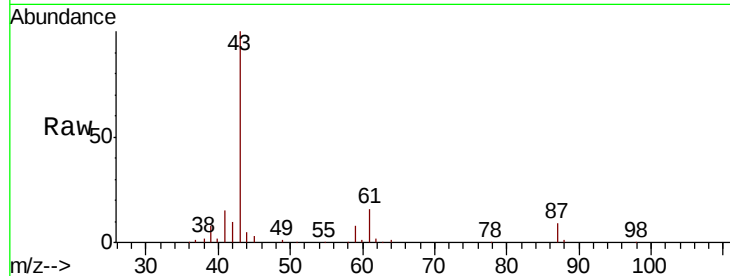
Tot Ion: 43 Resp: 151831

Ion Ratio Lower Upper

43 100

61 16.4 13.1 19.7

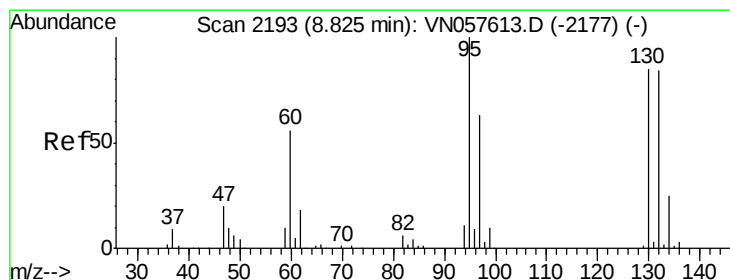
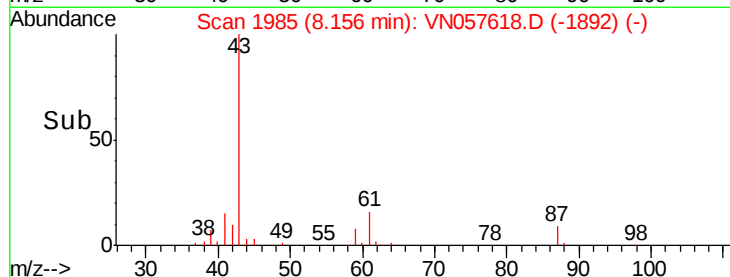
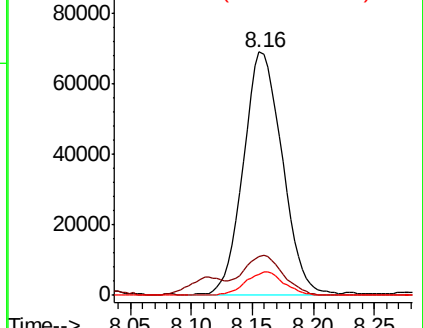
87 9.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN057618.D (-1892) (-)

Ion 61.00 (60.70 to 61.70): VN057618.D (-1892) (-)

Ion 87.00 (86.70 to 87.70): VN057618.D (-1892) (-)



#44

Trichloroethene

Concen: 20.059 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN057618.D

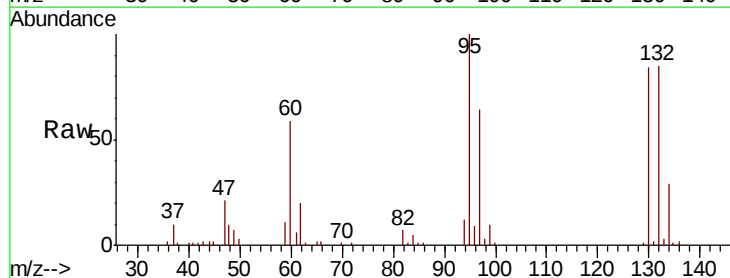
Acq: 31 Aug 2019 16:59

Tgt Ion:130 Resp: 56617

Ion Ratio Lower Upper

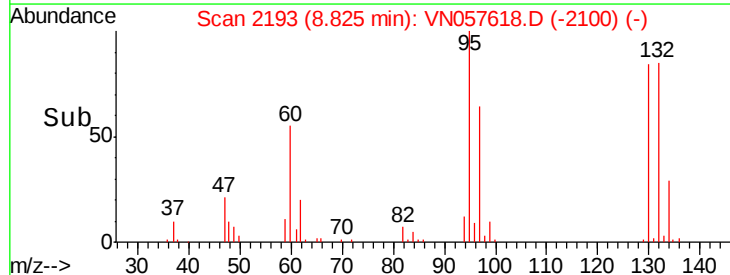
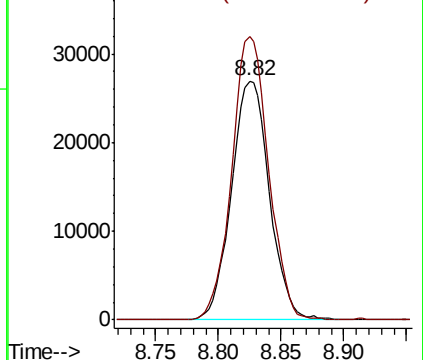
130 100

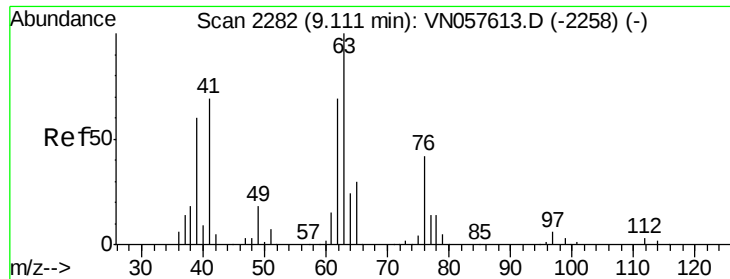
95 118.4 0.0 234.4



Abundance Ion 129.80 (129.50 to 130.50): VN057618.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN057618.D (-2100) (-)

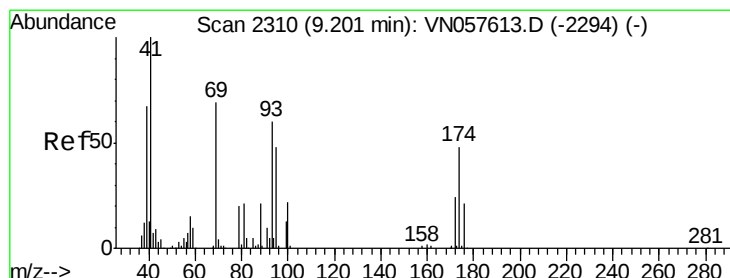
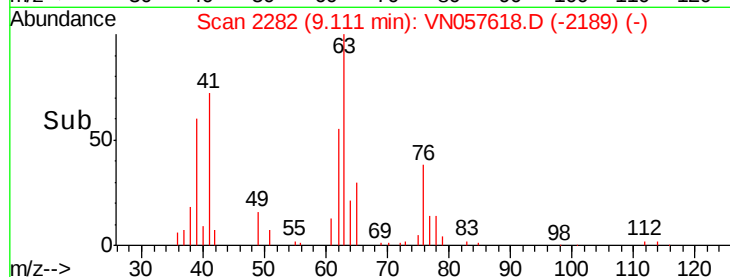
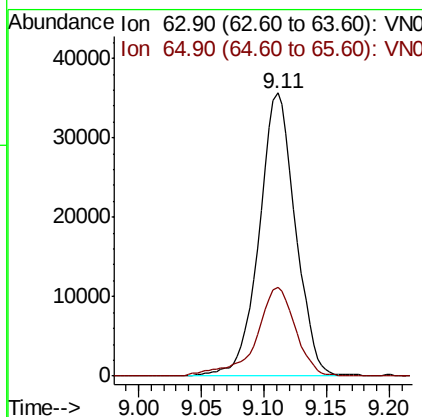
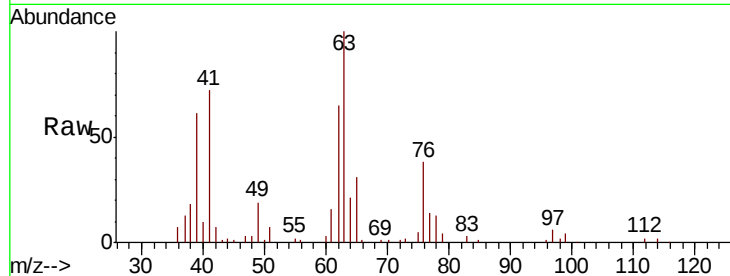




#45
 1,2-Dichloropropane
 Concen: 20.636 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

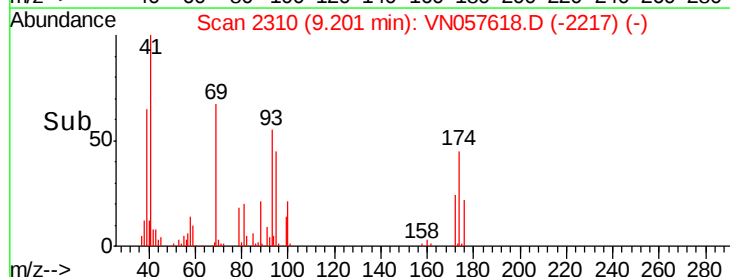
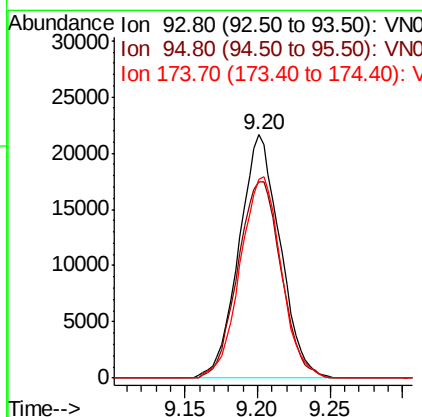
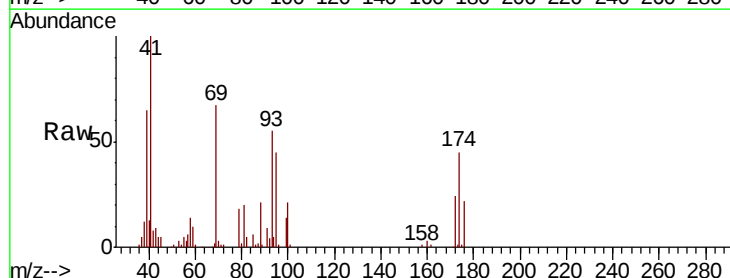
Instrument :
 MSVOA_N
 ClientSampleId :

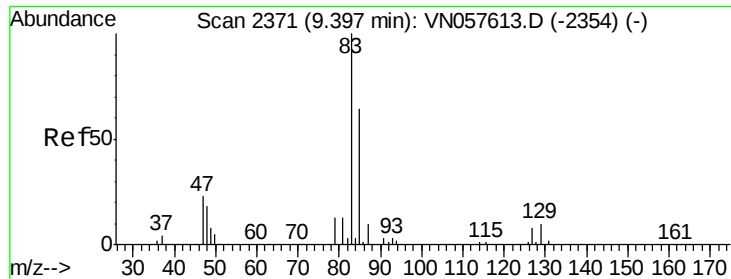
Tot Ion: 63 Resp: 71517
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.4 36.6



#46
 Dibromomethane
 Concen: 19.830 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Tgt Ion: 93 Resp: 42550
 Ion Ratio Lower Upper
 93 100
 95 85.4 65.8 98.6
 174 82.8 64.2 96.2





#47

Bromodichloromethane

Concen: 20.337 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

ClientSampled :

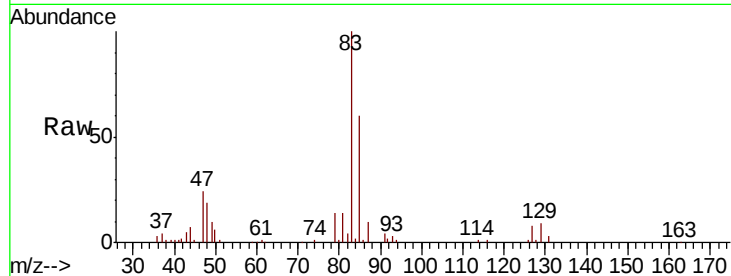
Tot Ion: 83 Resp: 88659

Ion Ratio Lower Upper

83 100

85 60.0 51.4 77.0

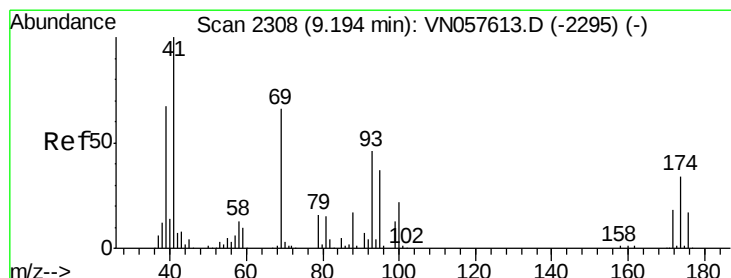
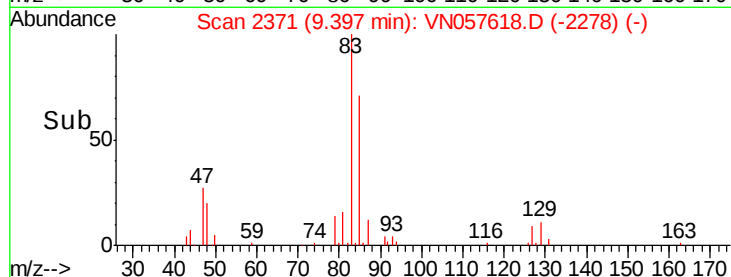
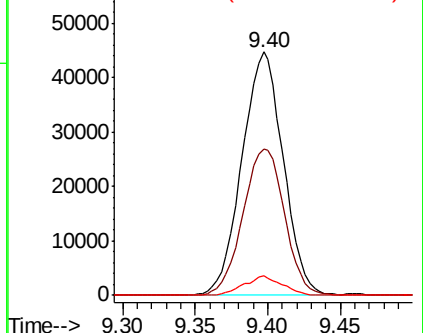
127 7.9 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 21.071 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

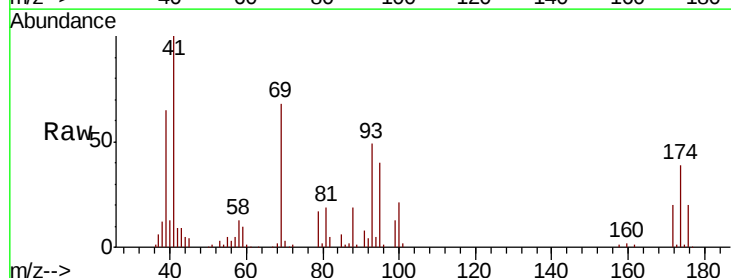
Tgt Ion: 41 Resp: 78804

Ion Ratio Lower Upper

41 100

69 67.3 55.1 82.7

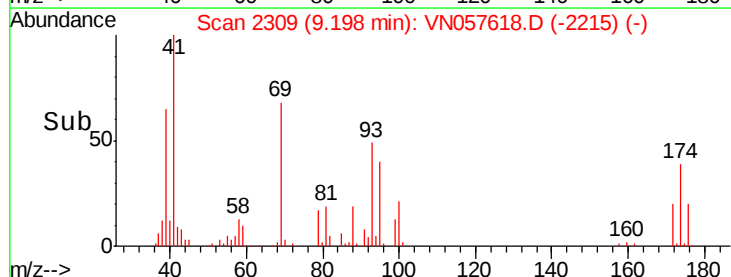
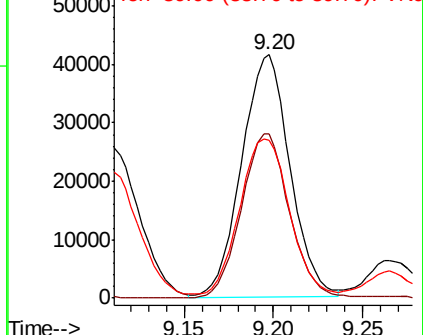
39 68.4 55.4 83.2

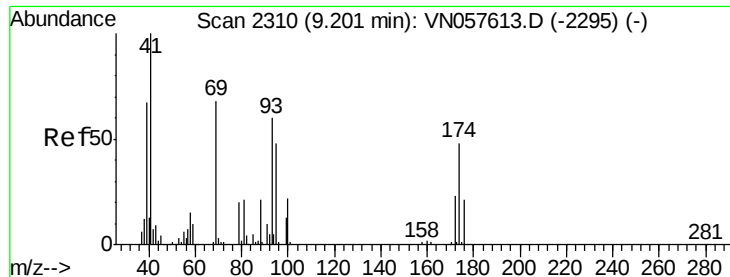


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 409.516 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampleId :

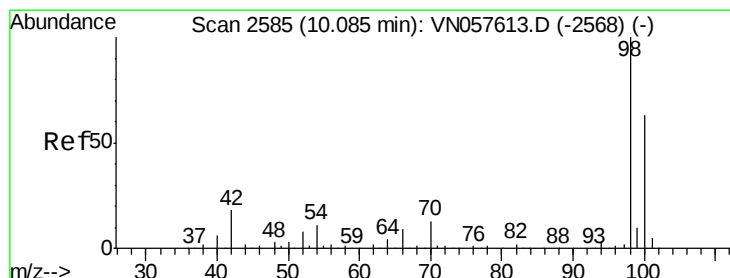
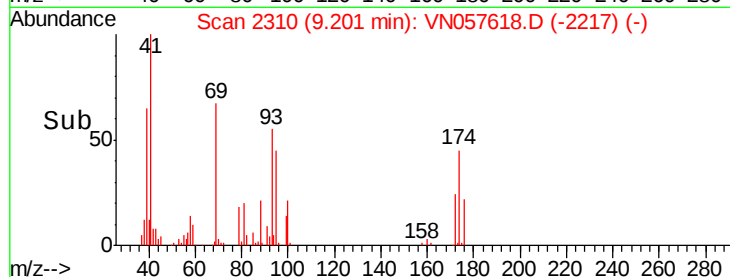
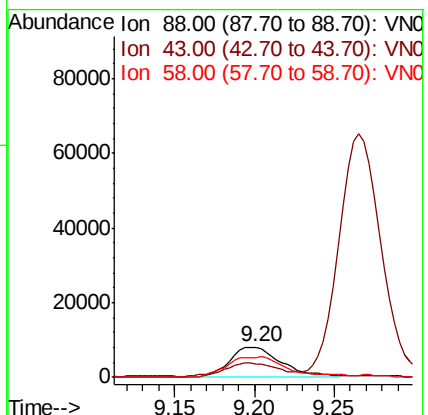
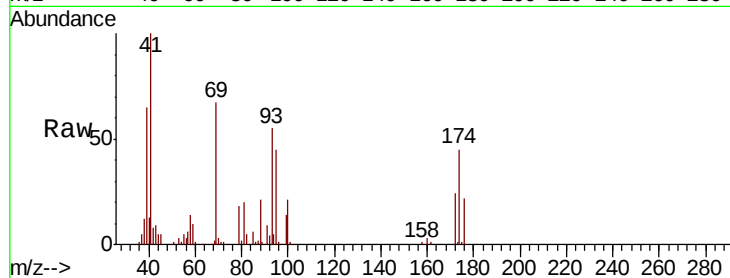
Tot Ion: 88 Resp: 17934

Ion Ratio Lower Upper

88 100

43 45.3 35.0 52.4

58 75.3 61.6 92.4



#50

Toluene-d8

Concen: 49.950 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057618.D

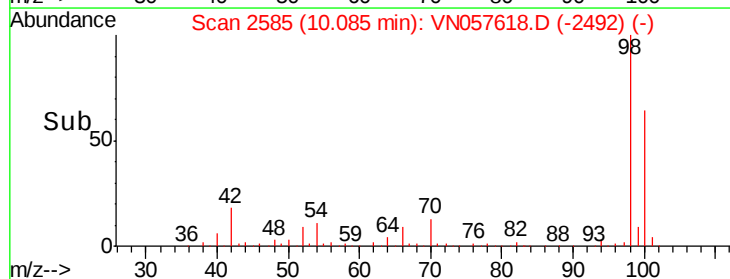
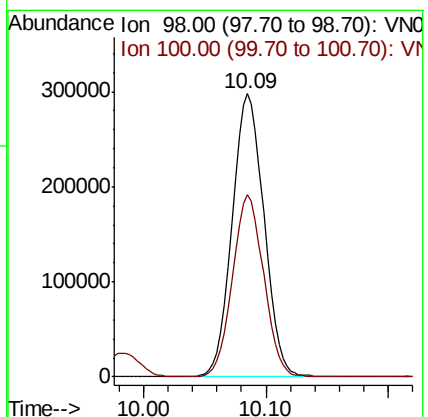
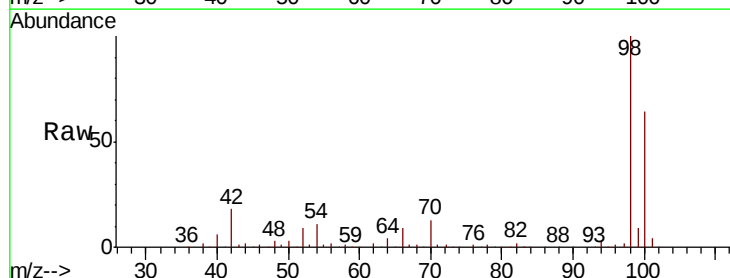
Acq: 31 Aug 2019 16:59

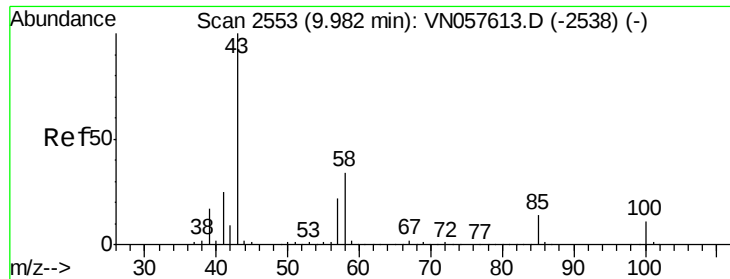
Tgt Ion: 98 Resp: 539901

Ion Ratio Lower Upper

98 100

100 62.9 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 106.172 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

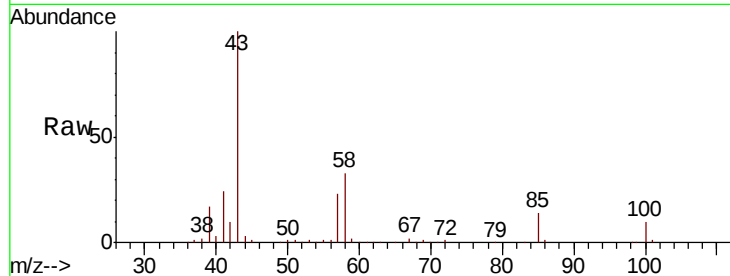
ClientSampleId :

Tot Ion: 43 Resp: 445744

Ion Ratio Lower Upper

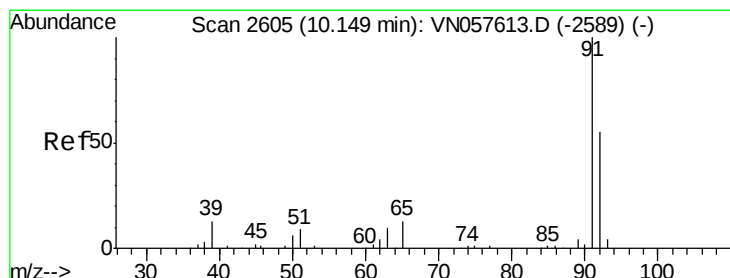
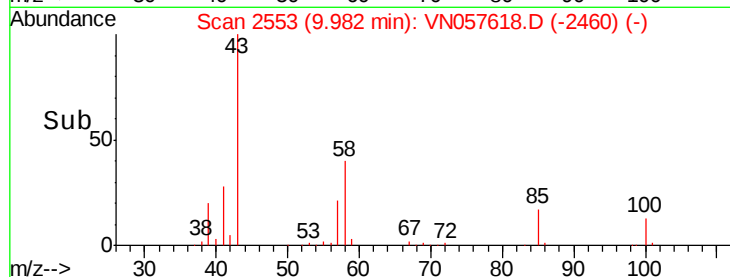
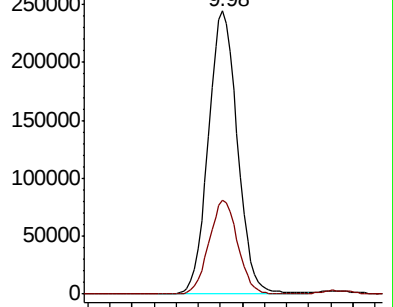
43 100

58 33.0 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VN057618.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN057618.D (-2538) (-)



#52

Toluene

Concen: 20.936 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057618.D

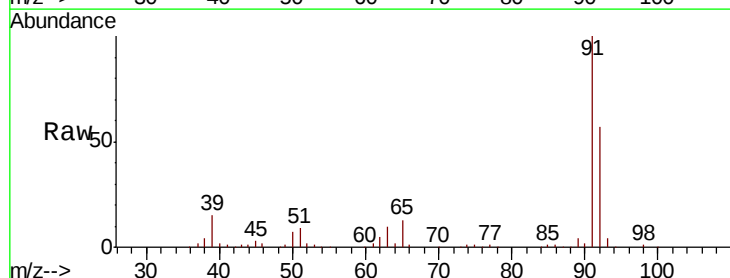
Acq: 31 Aug 2019 16:59

Tgt Ion: 92 Resp: 153956

Ion Ratio Lower Upper

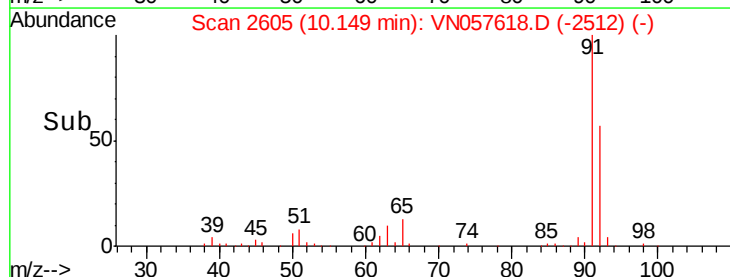
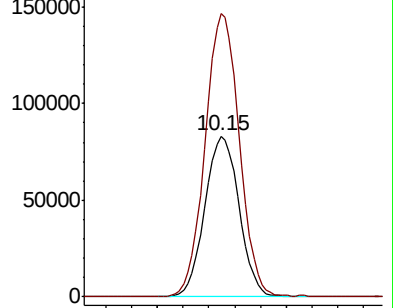
92 100

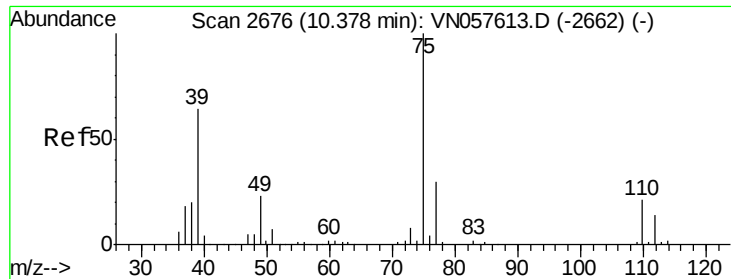
91 175.1 143.8 215.6



Abundance Ion 92.00 (91.70 to 92.70): VN057618.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN057618.D (-2589) (-)

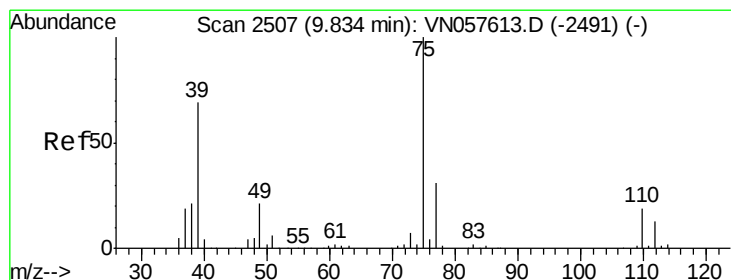
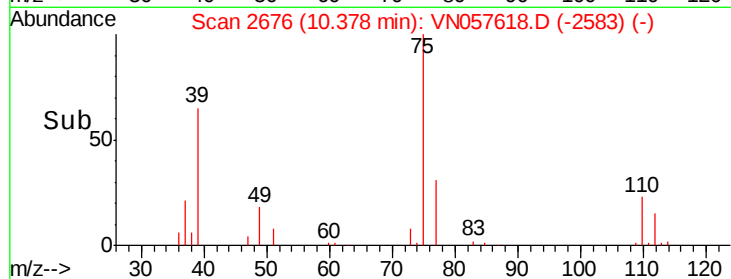
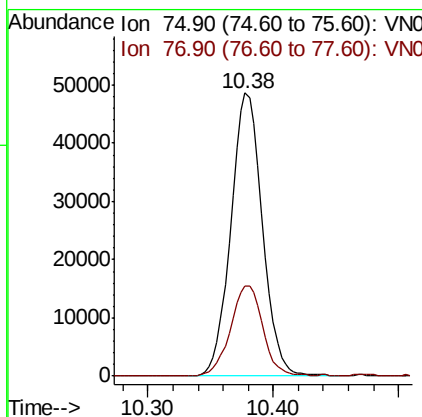
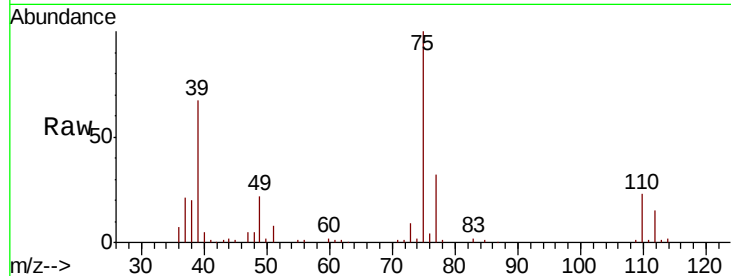




#53
t-1,3-Dichloropropene
Concen: 19.515 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

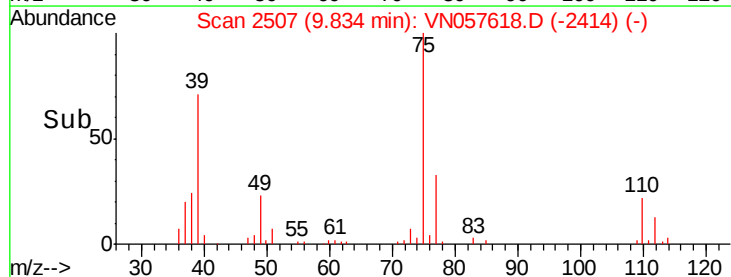
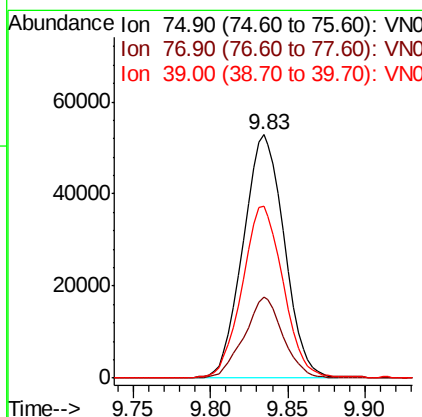
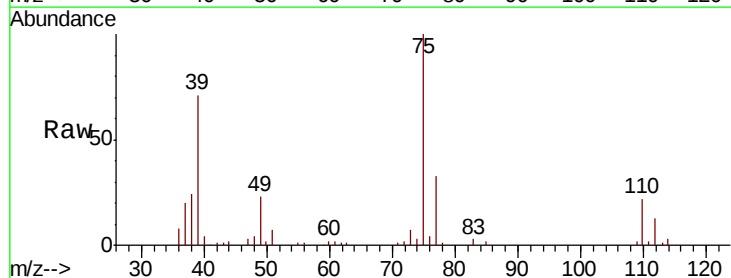
Instrument :
MSVOA_N
ClientSampleId :

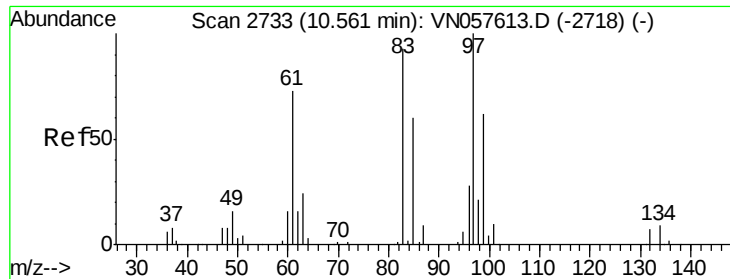
Tot Ion: 75 Resp: 84825
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.525 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 75 Resp: 98317
Ion Ratio Lower Upper
75 100
77 33.1 24.8 37.2
39 70.4 55.0 82.4

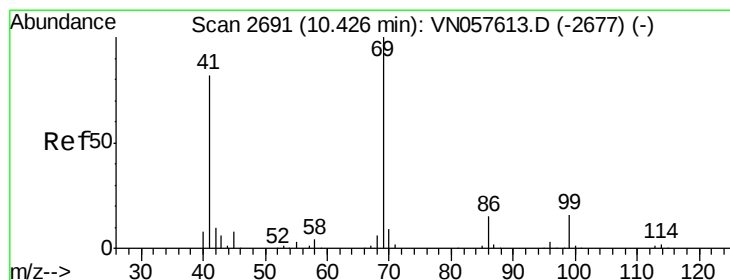
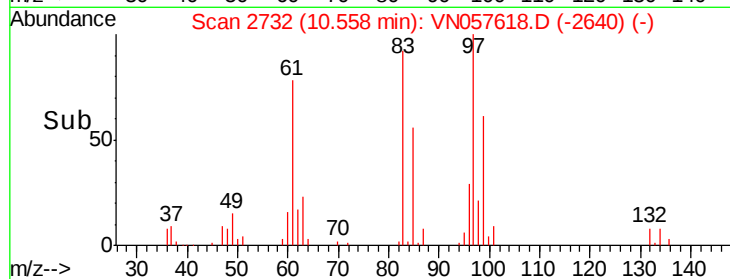
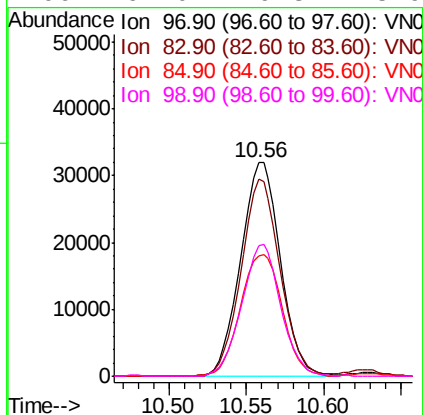
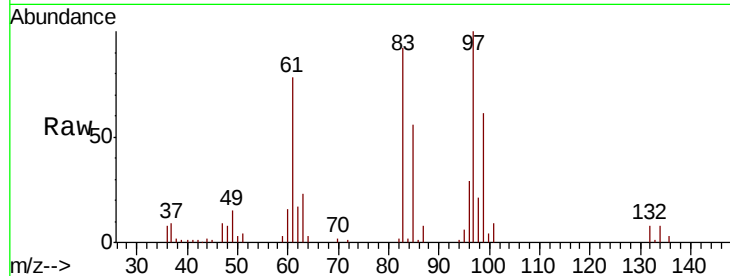




#55
 1,1,2-Trichloroethane
 Concen: 20.550 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

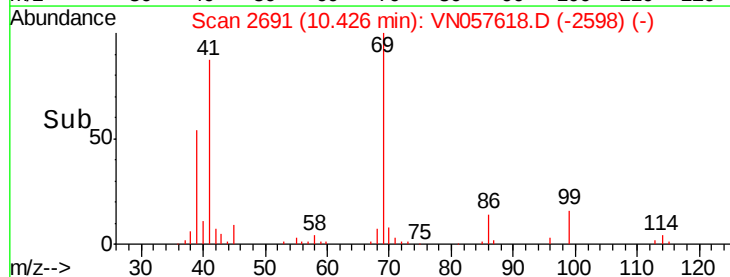
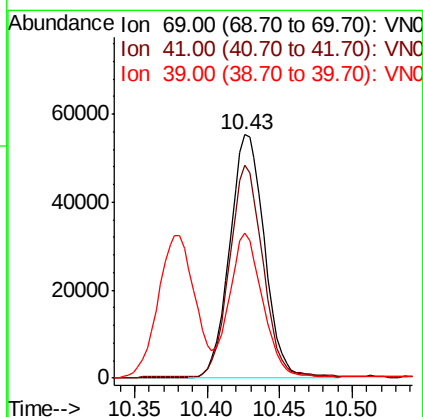
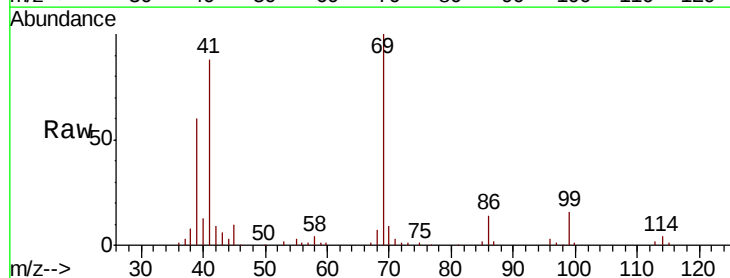
Instrument :
 MSVOA_N
 ClientSampleId :

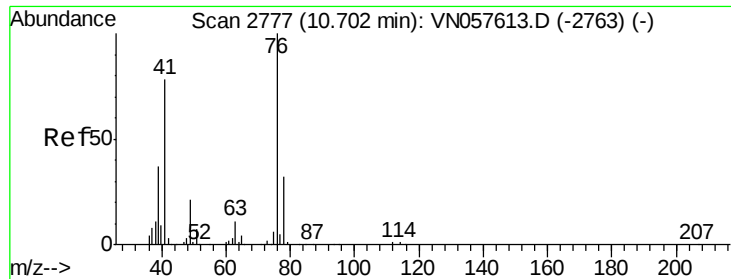
Tot Ion:	97	Resp:	57334
Ion	Ratio	Lower	Upper
97	100		
83	92.2	74.2	111.2
85	56.4	47.8	71.8
99	61.0	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 19.790 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Tgt Ion:	69	Resp:	92142
Ion	Ratio	Lower	Upper
69	100		
41	82.6	65.8	98.6
39	56.7	43.8	65.8





#57

1,3-Dichloropropane

Concen: 20.387 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

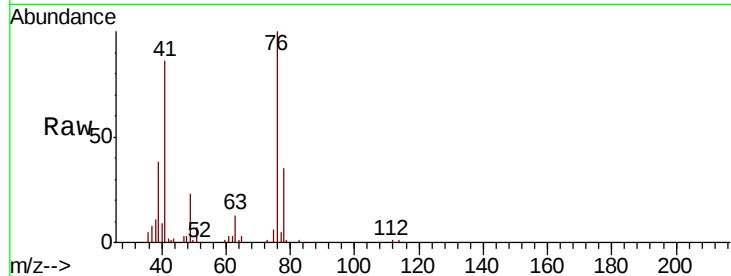
ClientSampled :

Tot Ion: 76 Resp: 104357

Ion Ratio Lower Upper

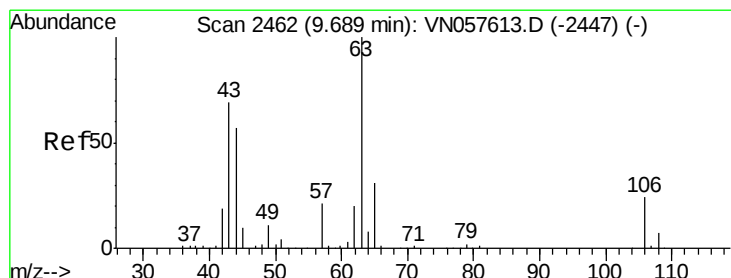
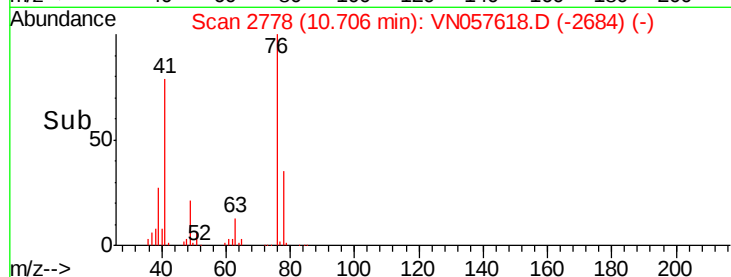
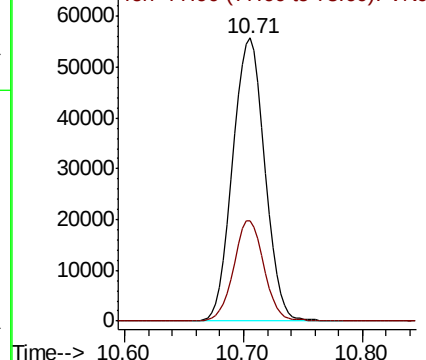
76 100

78 33.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 92.939 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057618.D

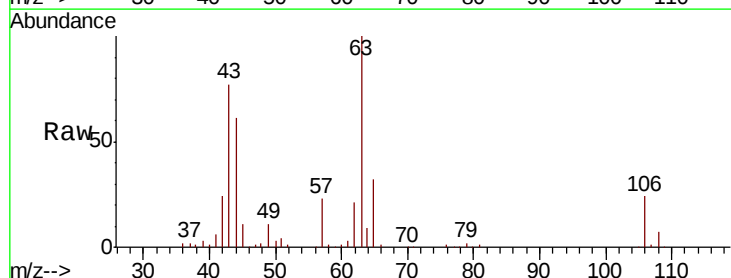
Acq: 31 Aug 2019 16:59

Tgt Ion: 63 Resp: 126598

Ion Ratio Lower Upper

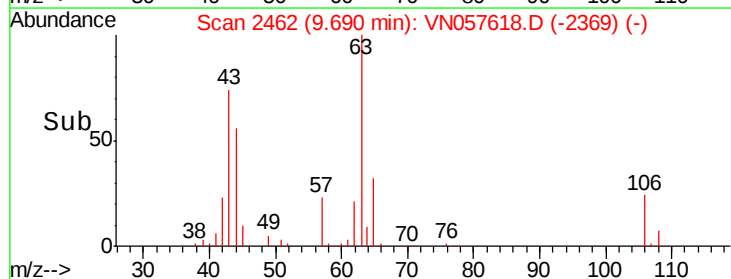
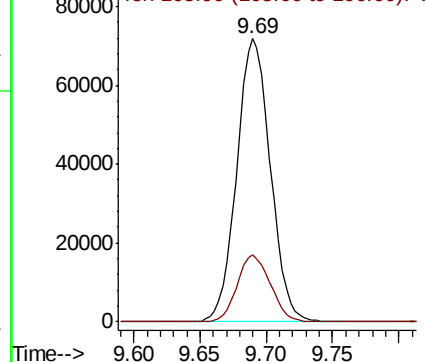
63 100

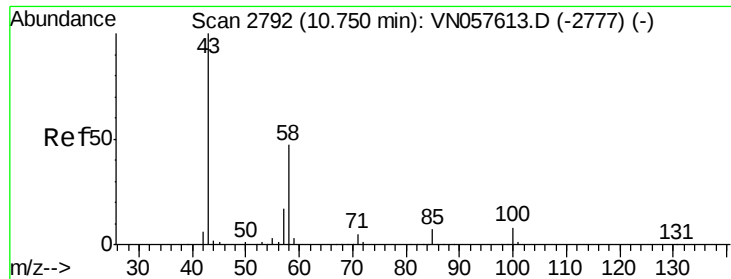
106 23.3 18.3 27.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

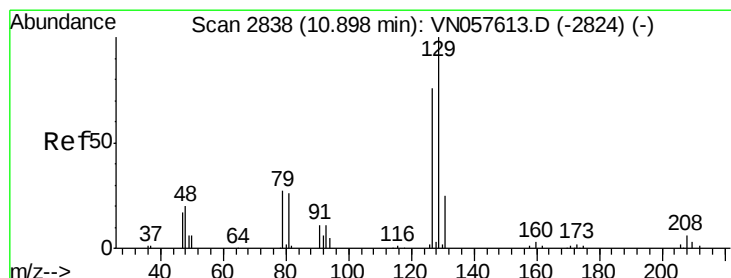
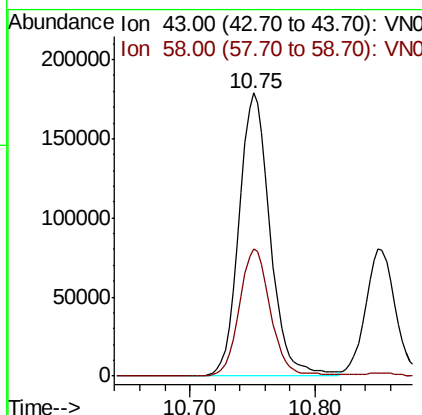
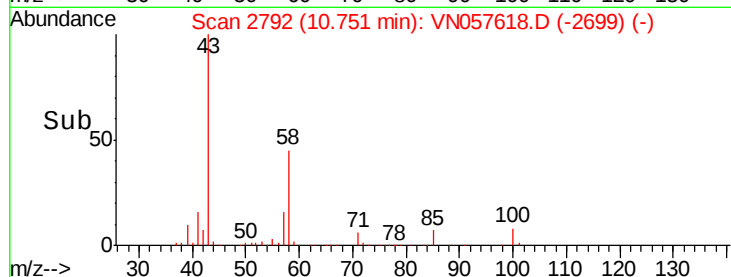
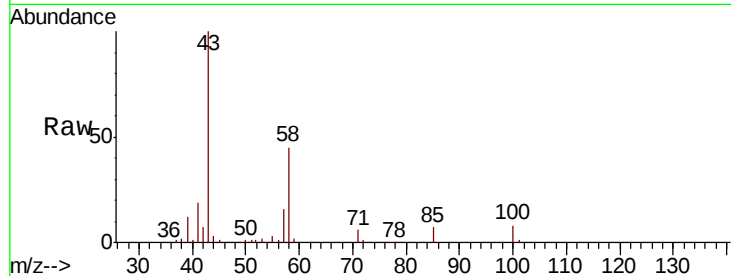




#59
2-Hexanone
Concen: 99.521 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

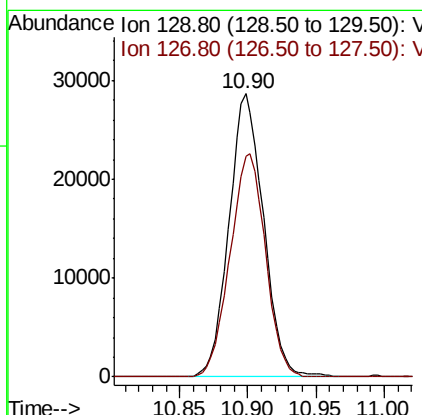
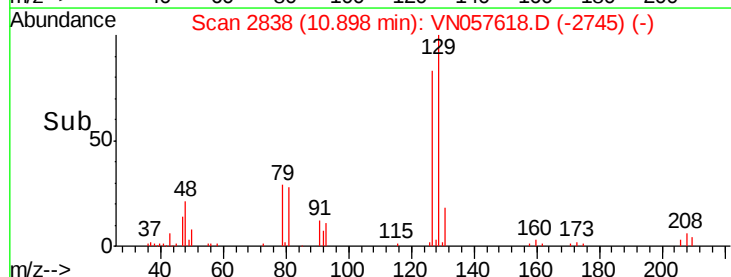
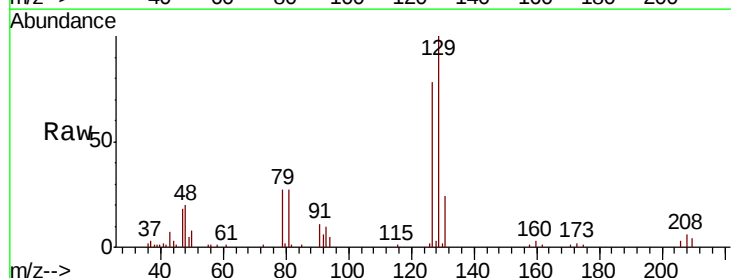
Instrument :
MSVOA_N
ClientSampleId :

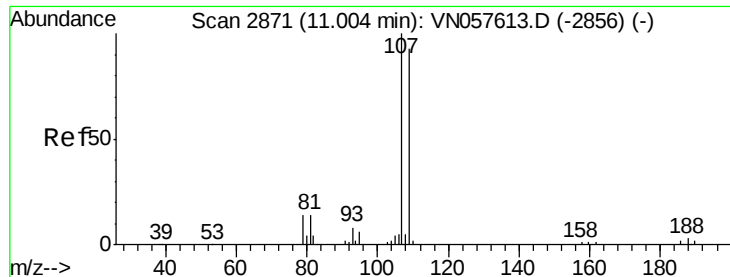
Tot Ion: 43 Resp: 306830
Ion Ratio Lower Upper
43 100
58 45.2 23.5 70.5



#60
Dibromochloromethane
Concen: 18.854 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion:129 Resp: 50397
Ion Ratio Lower Upper
129 100
127 80.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.279 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

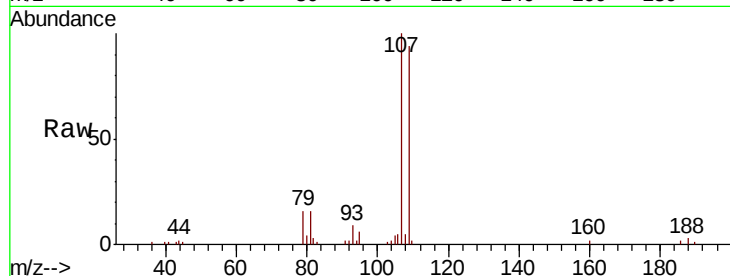
ClientSampleId :

Tot Ion: 107 Resp: 56970

Ion Ratio Lower Upper

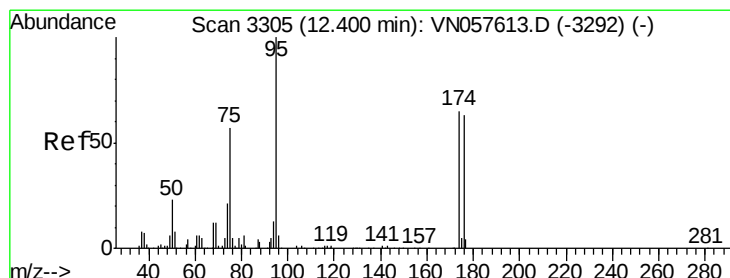
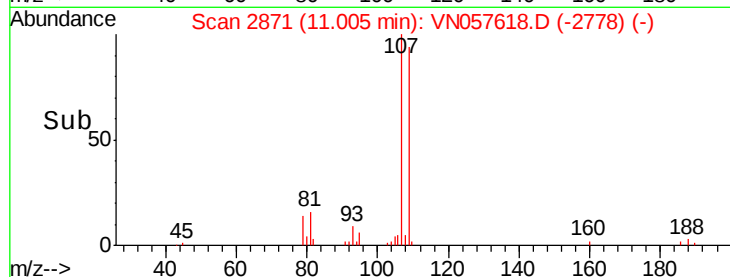
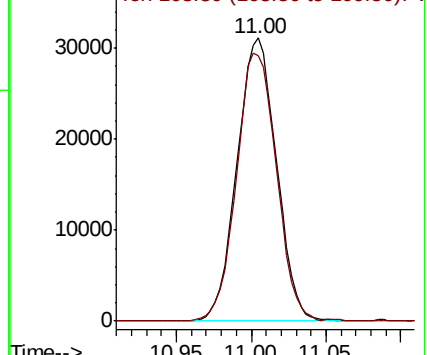
107 100

109 95.8 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.981 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

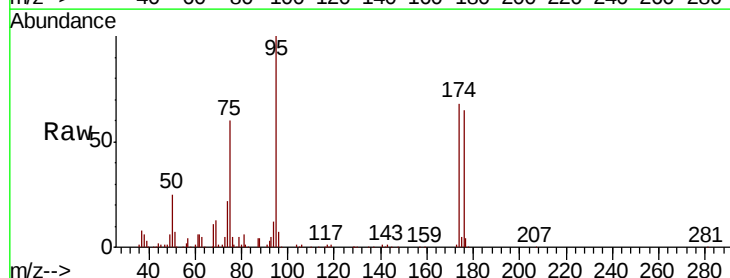
Tgt Ion: 95 Resp: 184880

Ion Ratio Lower Upper

95 100

174 66.4 0.0 134.8

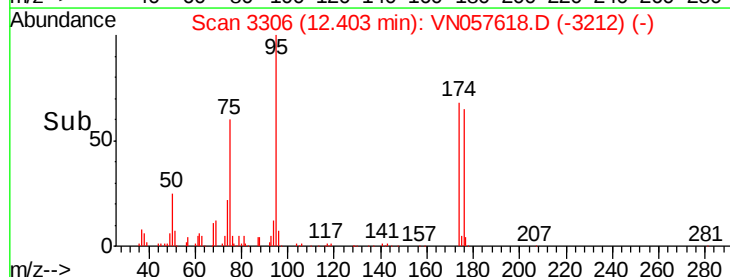
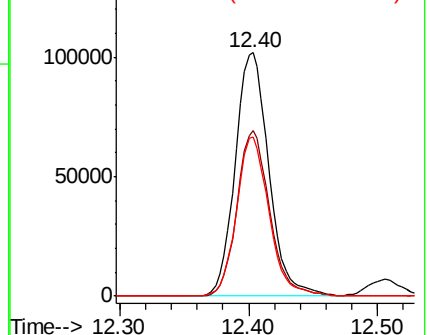
176 63.3 0.0 131.6

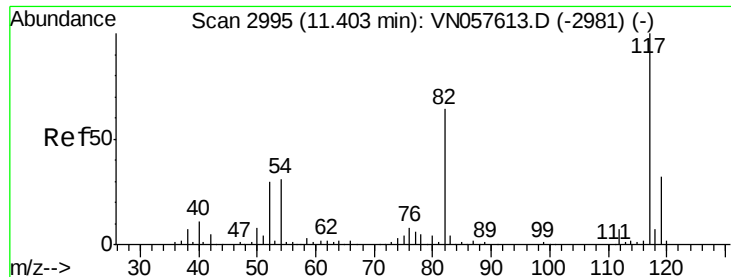


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

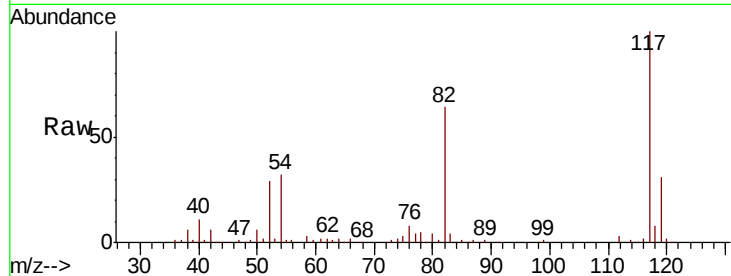




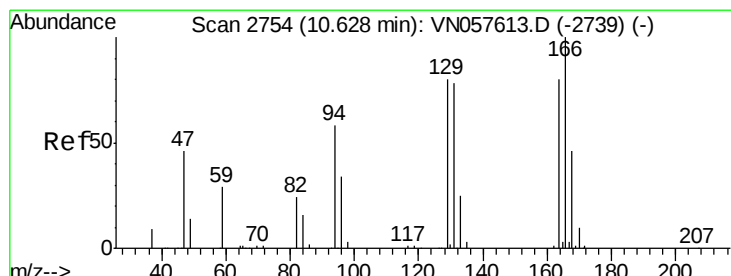
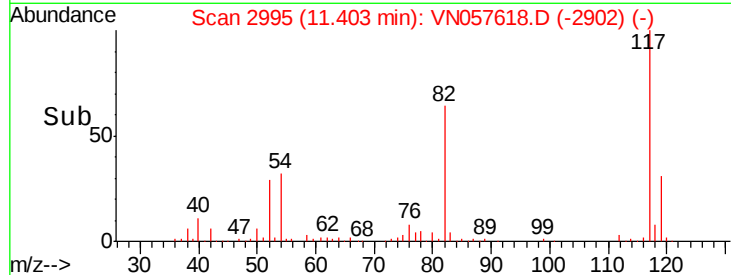
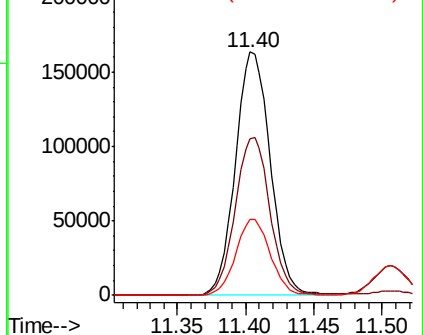
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 290901
Ion Ratio Lower Upper
117 100
82 64.3 51.6 77.4
119 31.1 25.8 38.6

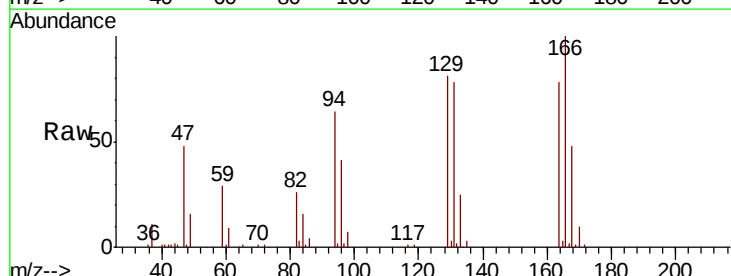


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

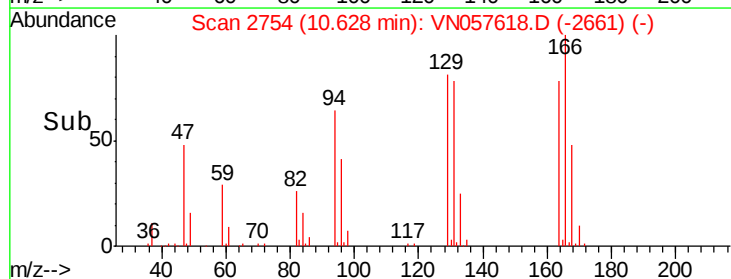
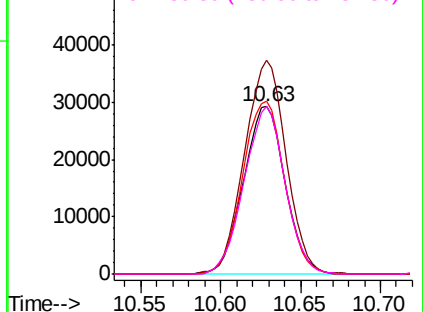


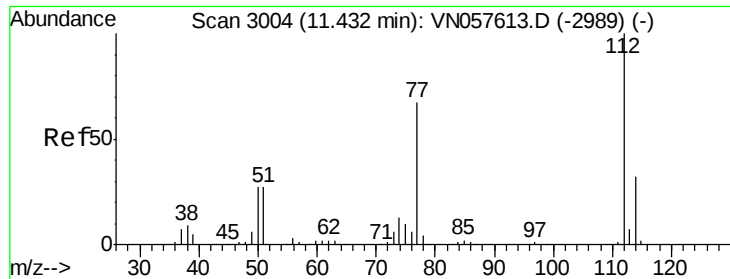
#64
Tetrachloroethene
Concen: 20.668 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion:164 Resp: 52061
Ion Ratio Lower Upper
164 100
166 127.5 100.6 151.0
129 103.4 80.4 120.6
131 100.1 78.6 118.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

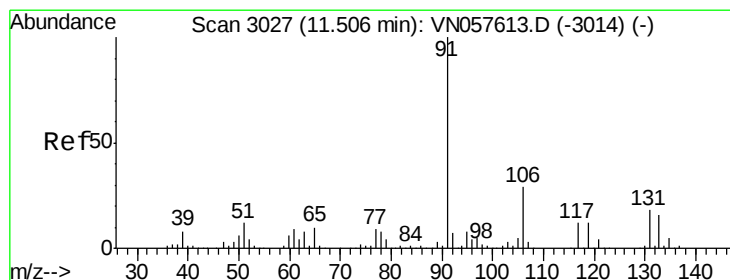
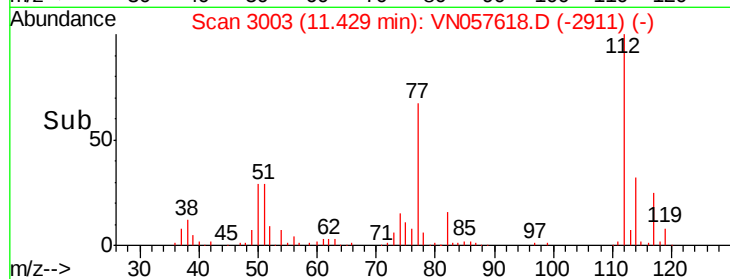
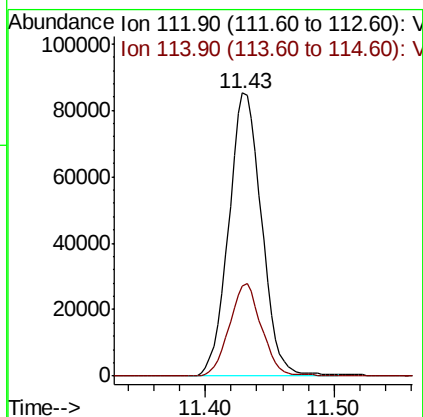
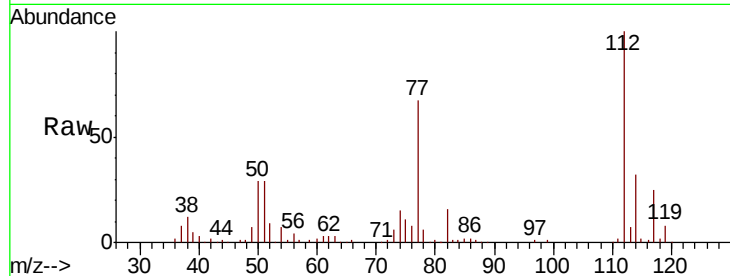




#65
Chlorobenzene
Concen: 20.730 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

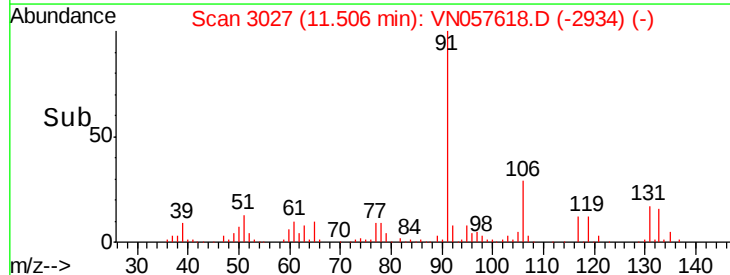
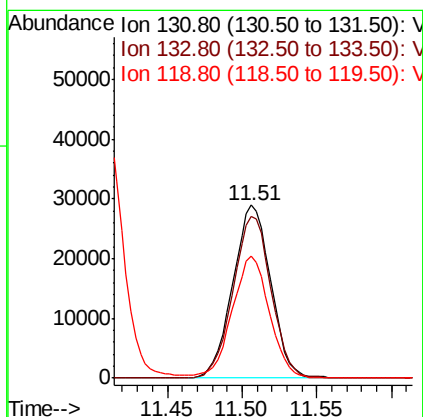
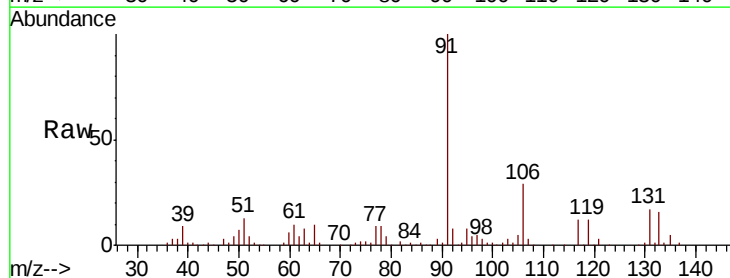
Instrument :
MSVOA_N
ClientSampleId :

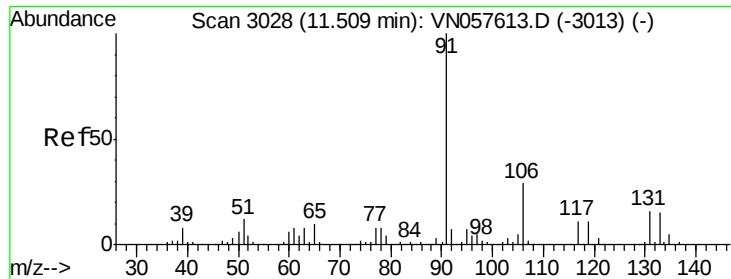
Tot Ion:112 Resp: 151107
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.072 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion:131 Resp: 51028
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.4
119 69.3 33.9 101.6

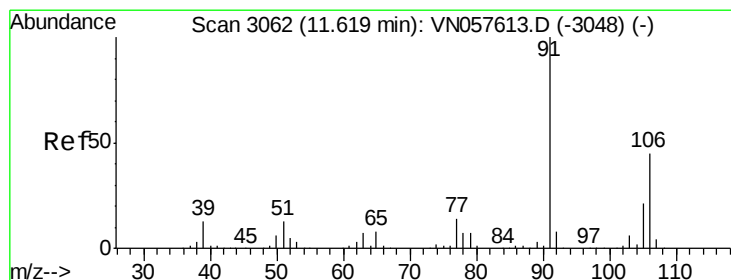
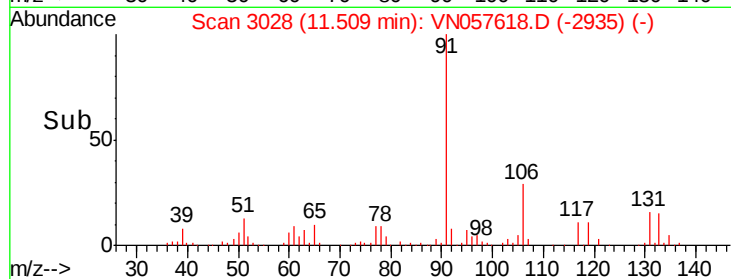
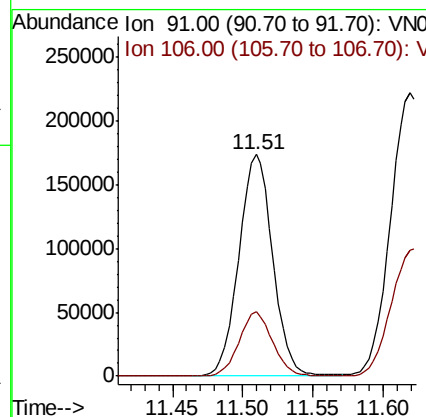
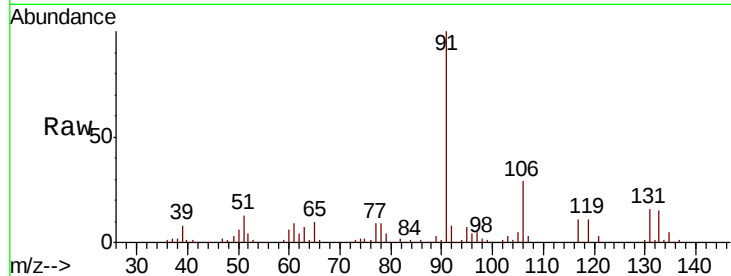




#67
Ethyl Benzene
Concen: 20.672 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

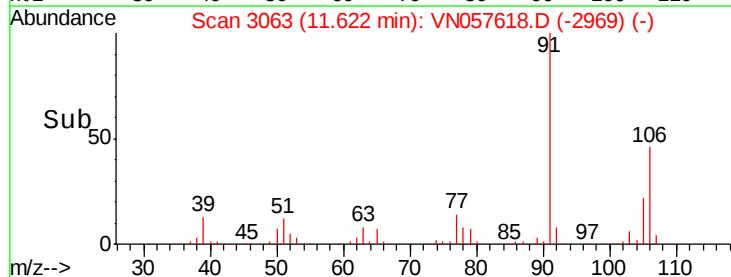
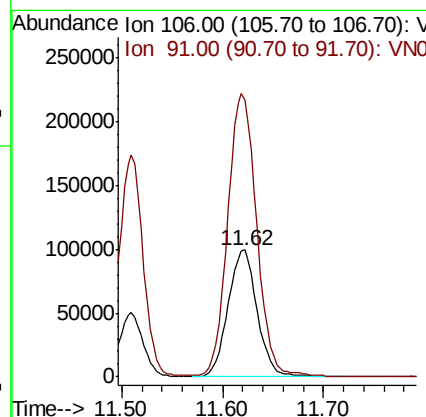
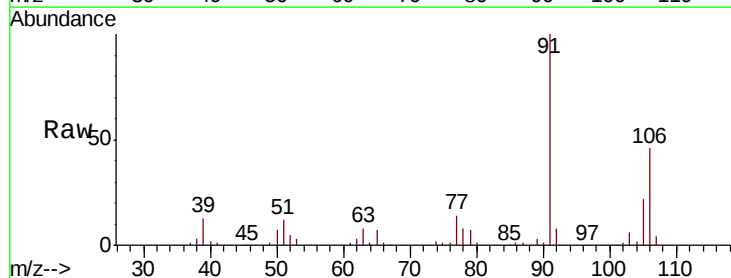
Instrument :
MSVOA_N
ClientSampled :

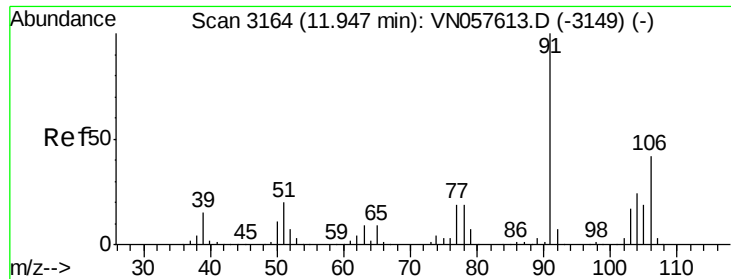
Tot Ion: 91 Resp: 292788
Ion Ratio Lower Upper
91 100
106 29.1 22.9 34.3



#68
m/p-Xylenes
Concen: 40.313 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 106 Resp: 201147
Ion Ratio Lower Upper
106 100
91 222.1 176.2 264.2

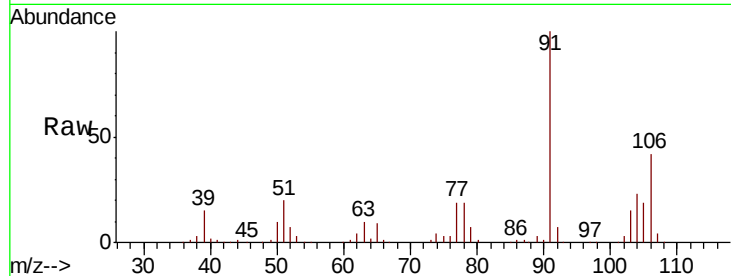




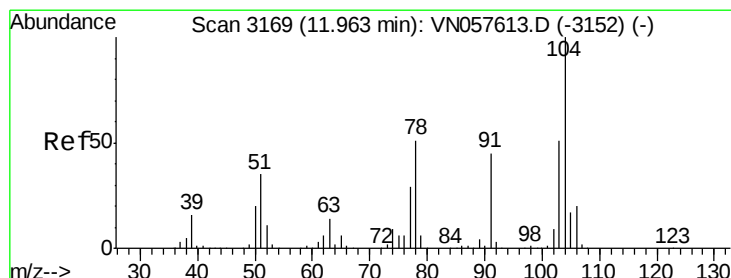
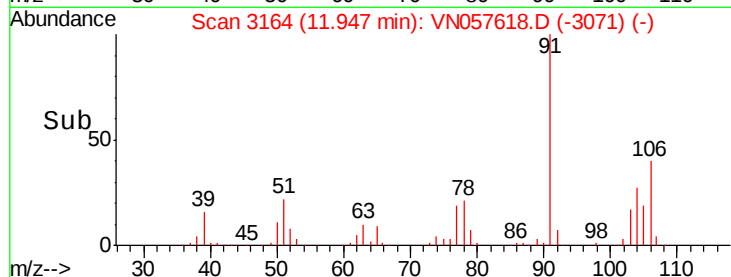
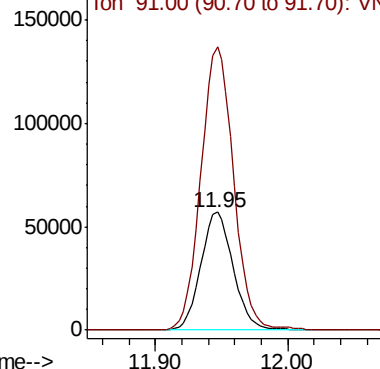
#69
o-Xylene
Concen: 20.066 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 97030
Ion Ratio Lower Upper
106 100
91 242.4 117.3 351.8

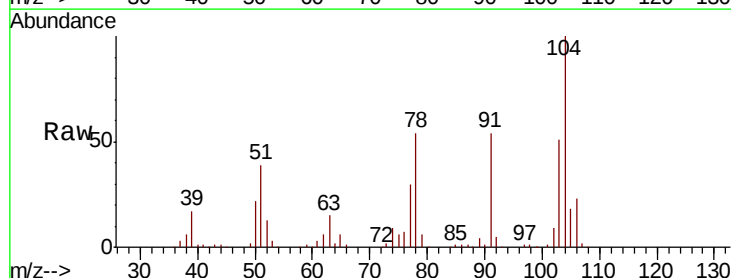


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

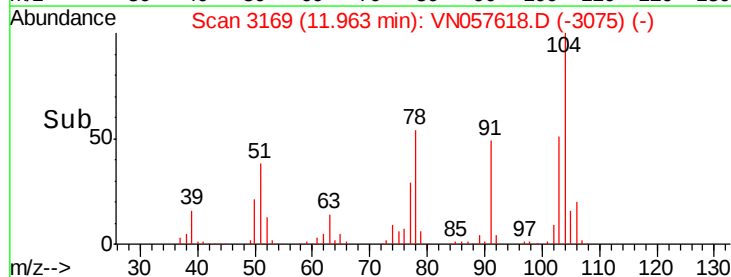
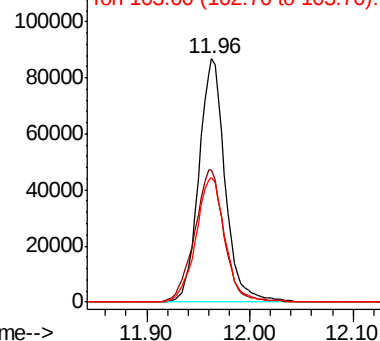


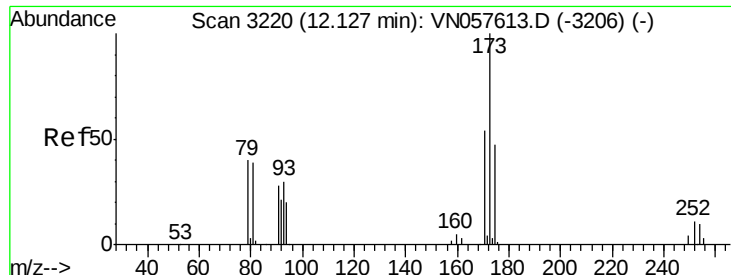
#70
Styrene
Concen: 19.395 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion:104 Resp: 154283
Ion Ratio Lower Upper
104 100
78 61.2 46.6 70.0
103 57.0 44.7 67.1



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





#71

Bromoform

Concen: 20.088 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

ClientSampleId :

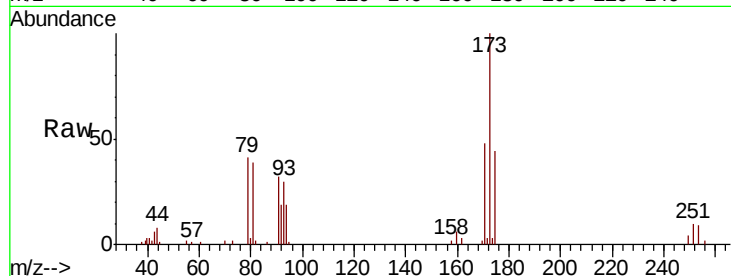
Tot Ion:173 Resp: 29927

Ion Ratio Lower Upper

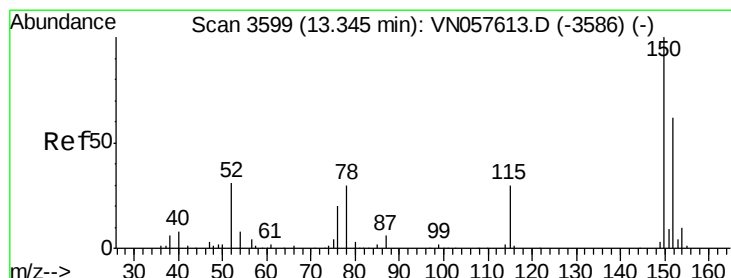
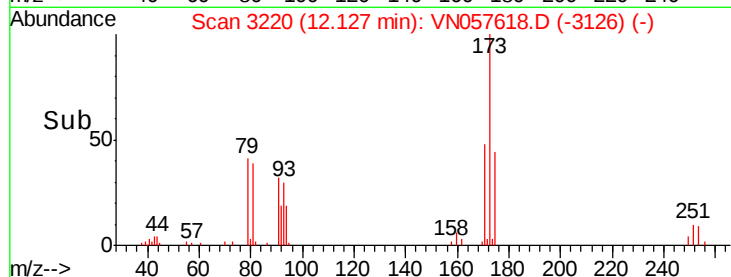
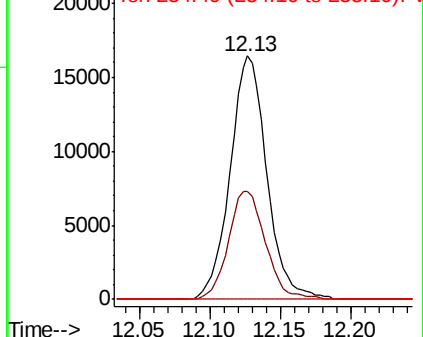
173 100

175 44.8 24.4 73.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

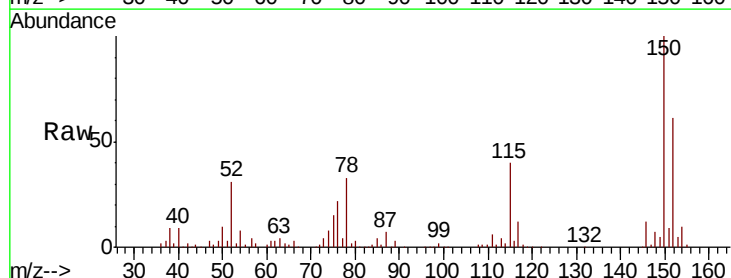
Tgt Ion:152 Resp: 115158

Ion Ratio Lower Upper

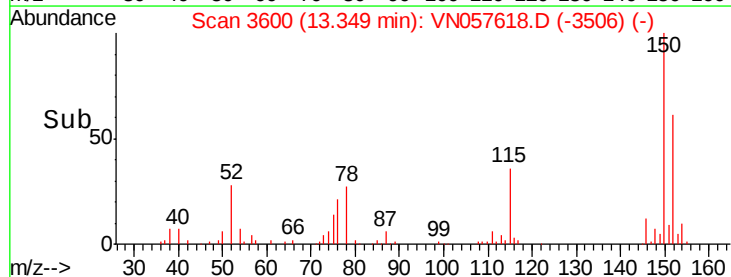
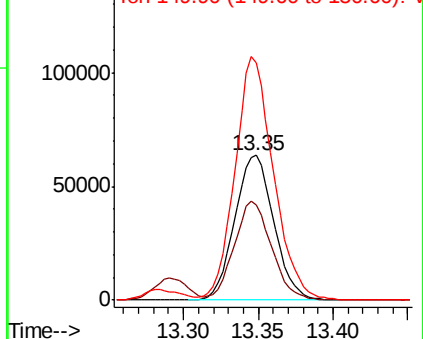
152 100

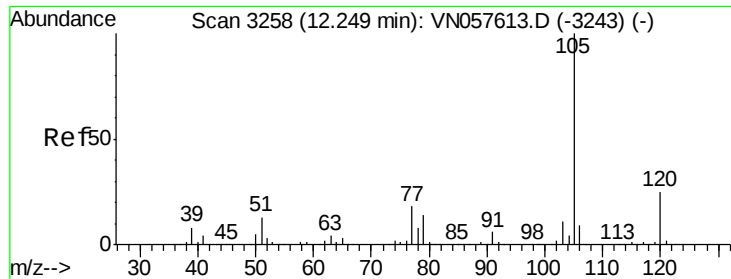
115 65.8 33.2 99.6

150 166.5 0.0 365.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.375 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

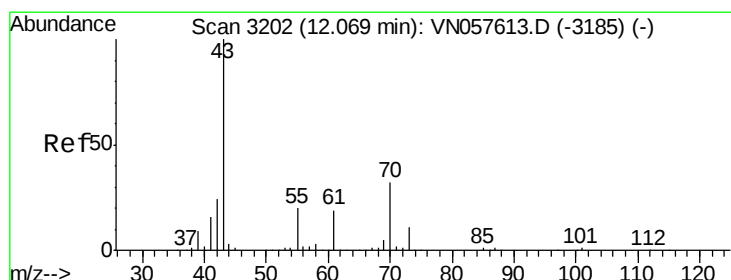
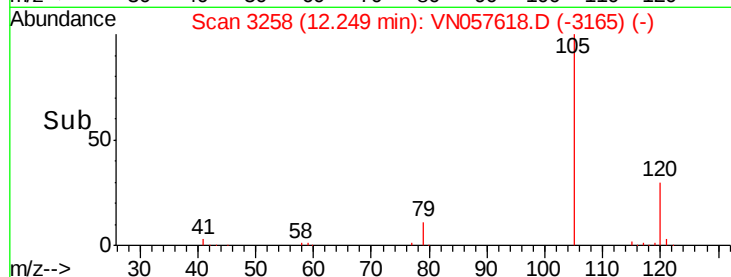
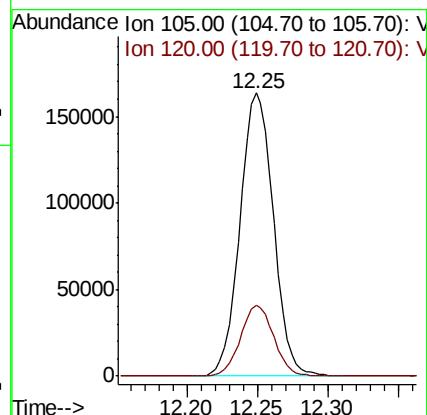
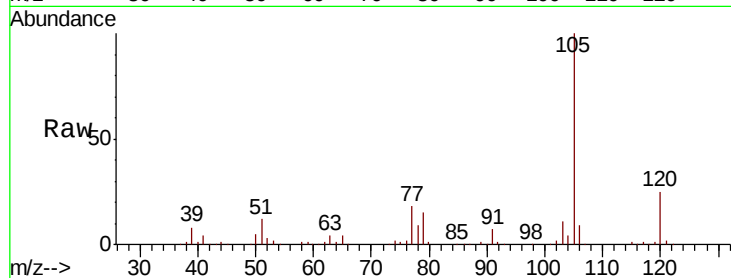
ClientSampled :

Tot Ion:105 Resp: 271778

Ion Ratio Lower Upper

105 100

120 25.0 12.7 38.1



#74

N-ethyl acetate

Concen: 23.048 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Tgt Ion: 43 Resp: 126463

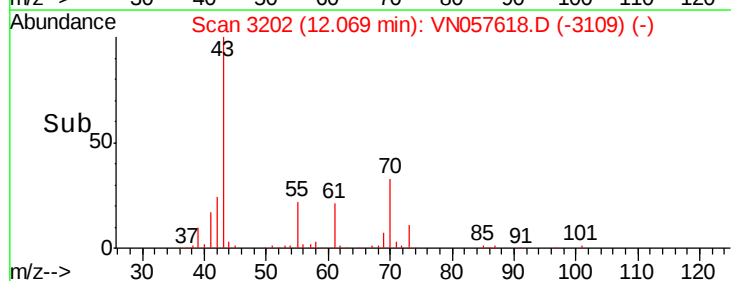
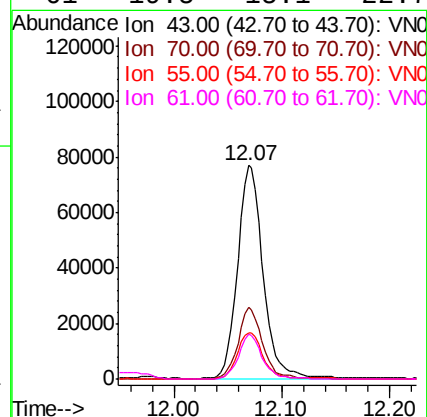
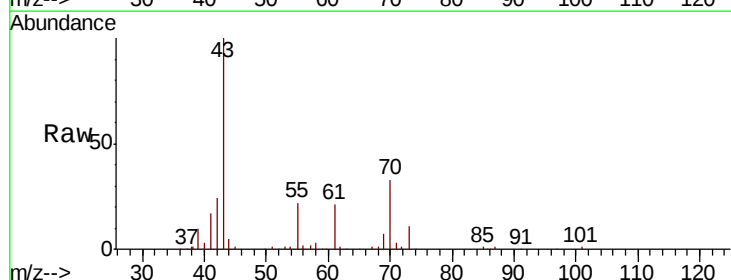
Ion Ratio Lower Upper

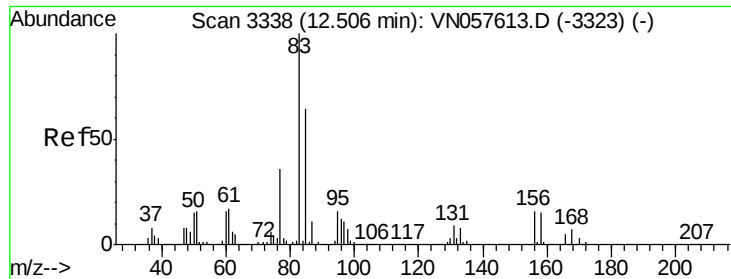
43 100

70 32.6 26.9 40.3

55 22.2 16.8 25.2

61 19.5 15.1 22.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.974 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

ClientSampleId :

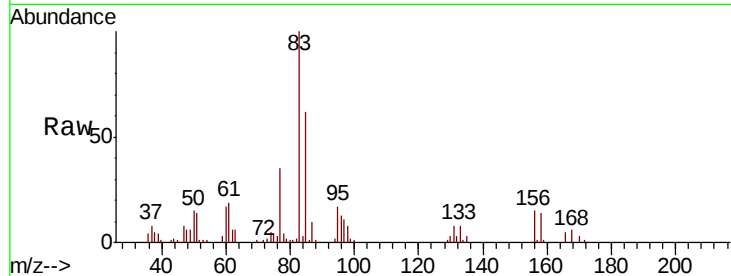
Tot Ion: 83 Resp: 78726

Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.5	13.7
85	62.1	31.3	93.8

83 100

131 8.1 4.5 13.7

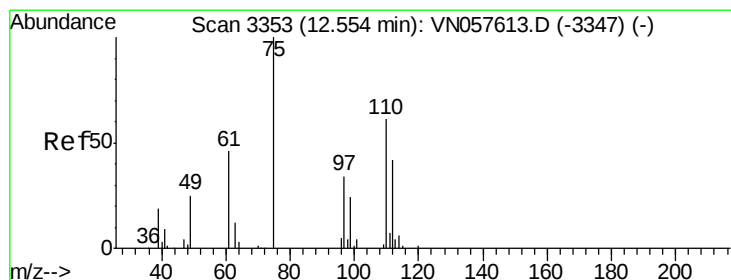
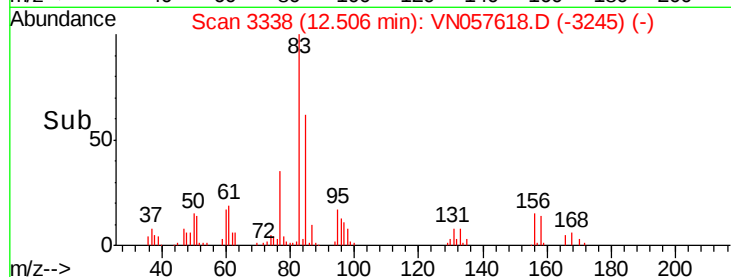
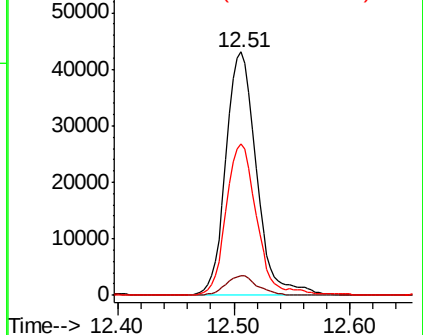
85 62.1 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.393 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057618.D

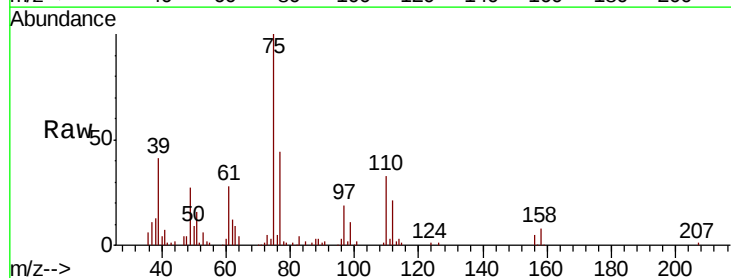
Acq: 31 Aug 2019 16:59

Tgt Ion: 75 Resp: 98123

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

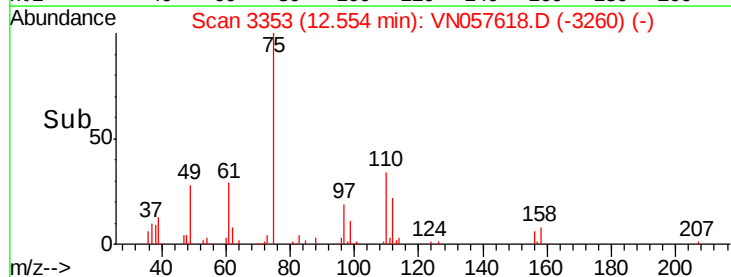
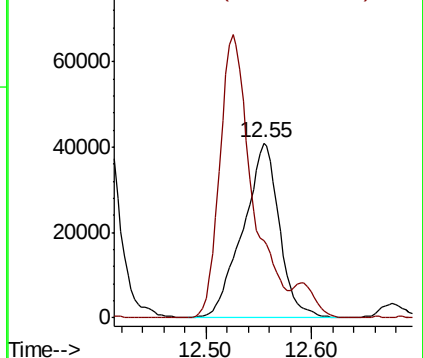
75 100

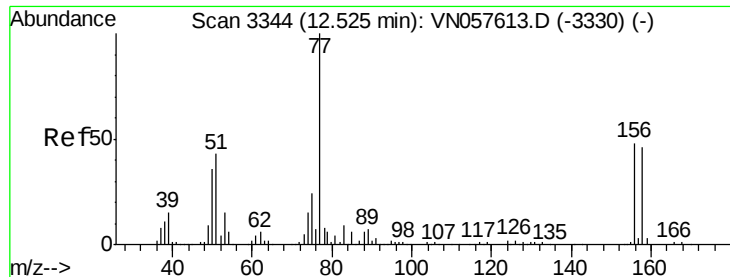
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

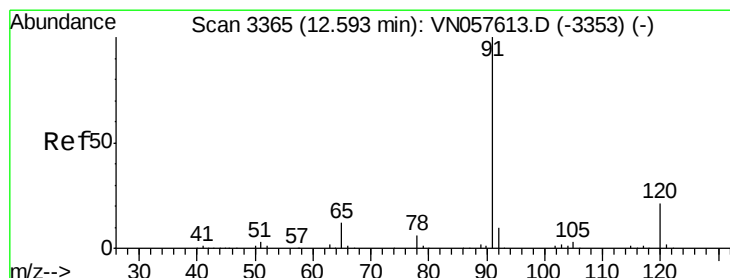
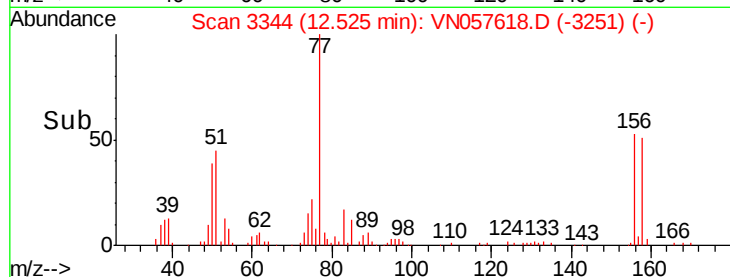
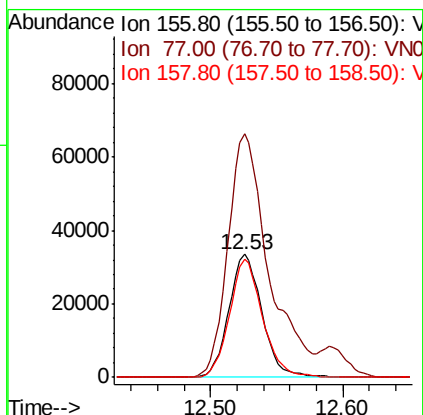
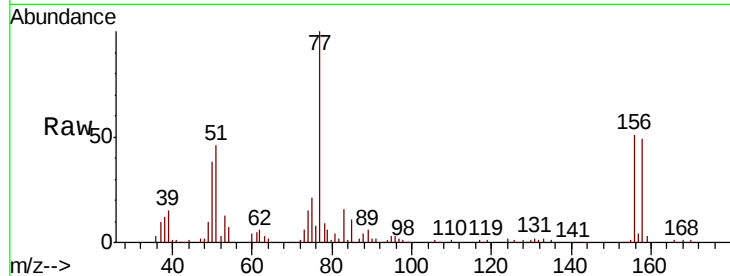




#77
Bromobenzene
Concen: 23.485 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

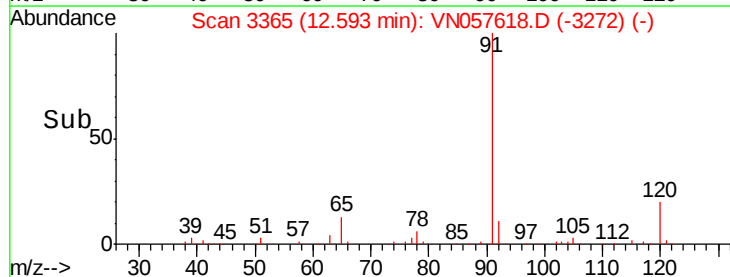
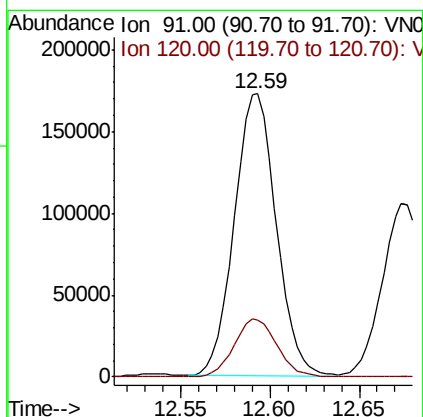
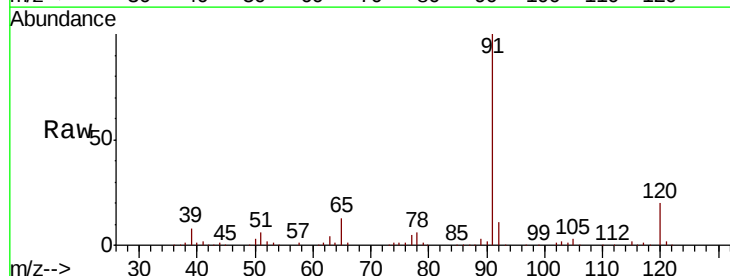
Instrument :
MSVOA_N
ClientSampled :

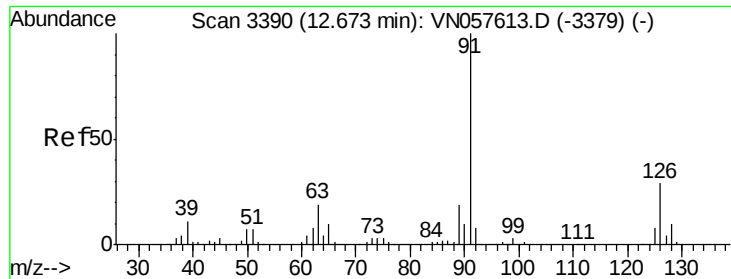
Tot Ion:156 Resp: 58115
Ion Ratio Lower Upper
156 100
77 245.2 123.5 370.5
158 95.8 47.8 143.3



#78
n-propylbenzene
Concen: 21.887 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion: 91 Resp: 283239
Ion Ratio Lower Upper
91 100
120 20.9 10.4 31.4

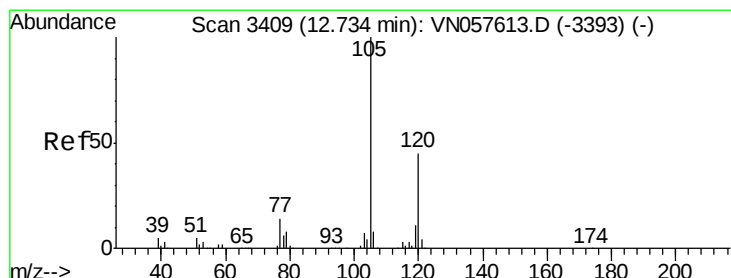
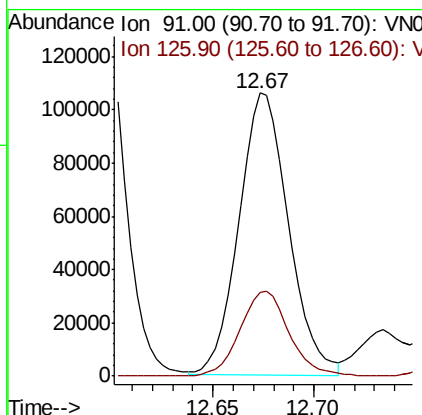
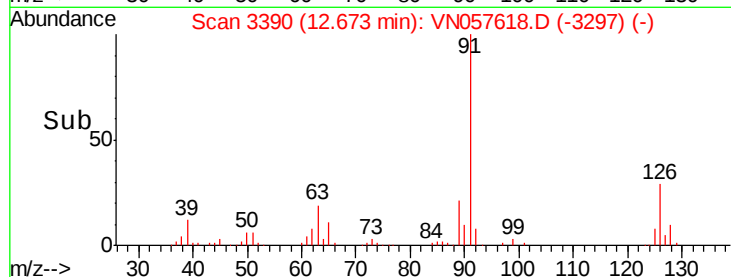
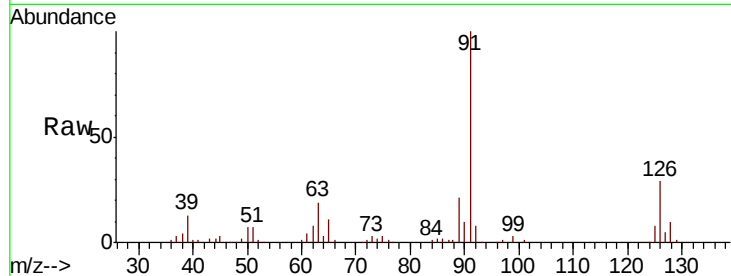




#79
 2-Chlorotoluene
 Concen: 22.592 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

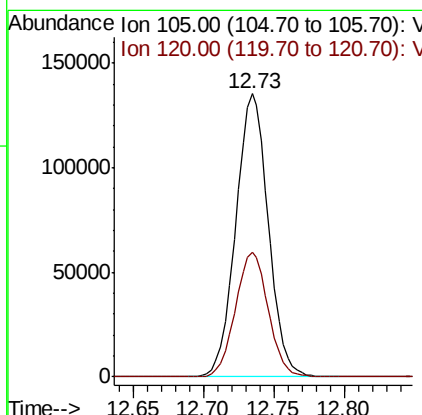
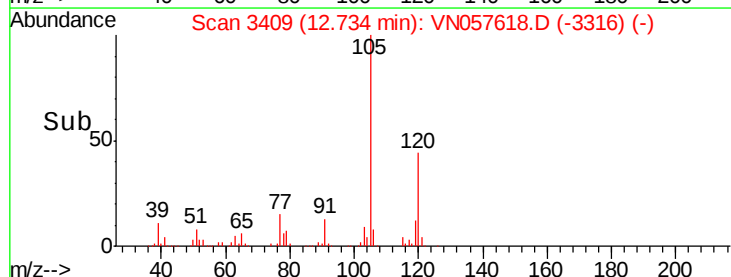
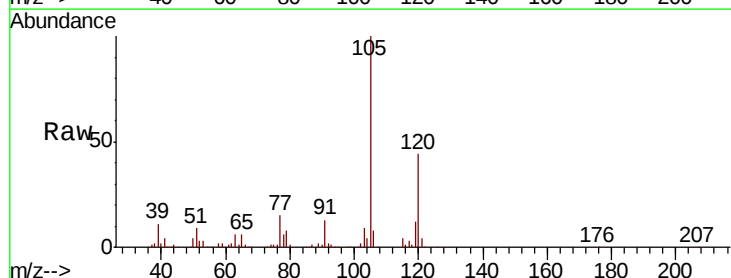
Instrument :
 MSVOA_N
 ClientSampleId :

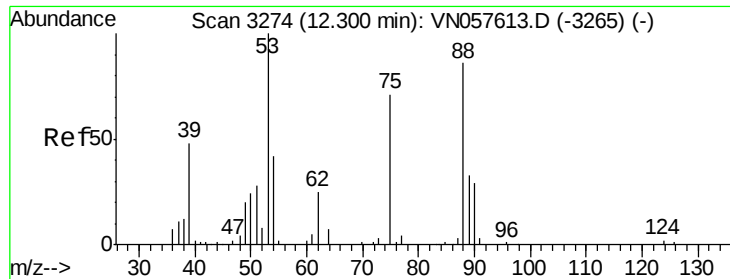
Tot Ion: 91 Resp: 182303
 Ion Ratio Lower Upper
 91 100
 126 29.9 14.9 44.5



#80
 1,3,5-Trimethylbenzene
 Concen: 22.826 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Tgt Ion: 105 Resp: 218337
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.433 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

ClientSampleId :

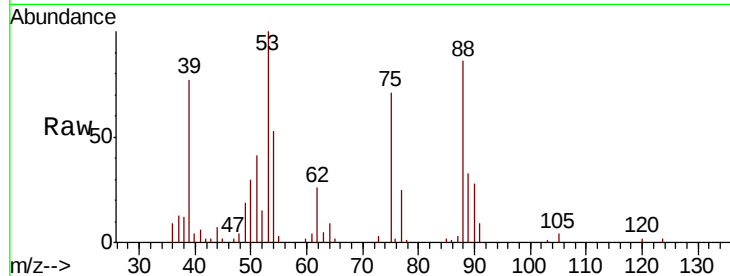
Tot Ion: 75 Resp: 17173

Ion Ratio Lower Upper

75 100

53 154.2 111.0 166.6

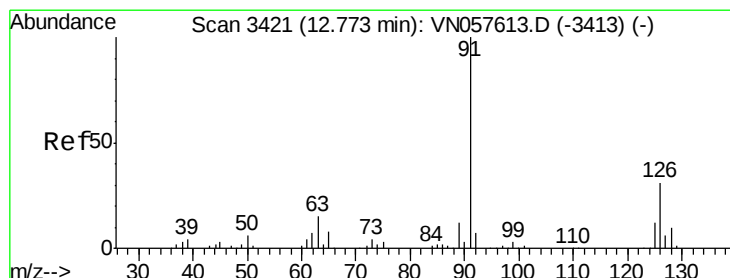
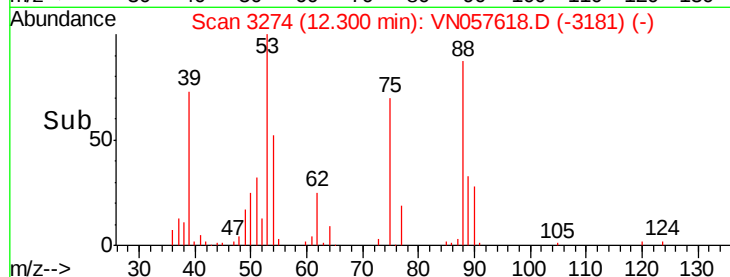
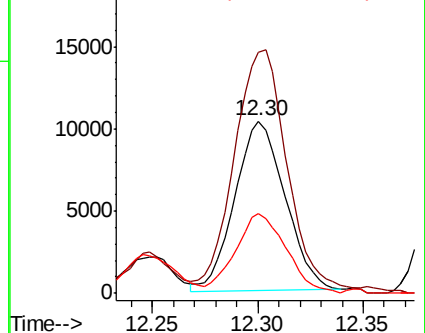
89 46.9 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 21.366 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057618.D

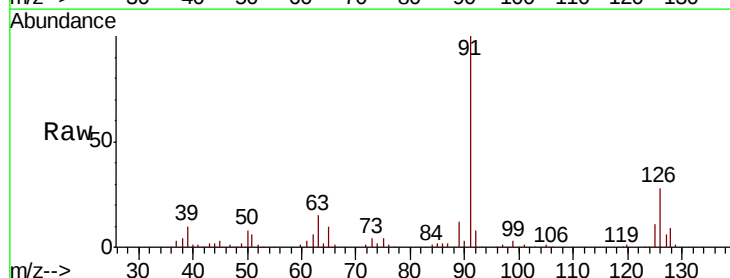
Acq: 31 Aug 2019 16:59

Tgt Ion: 91 Resp: 170658

Ion Ratio Lower Upper

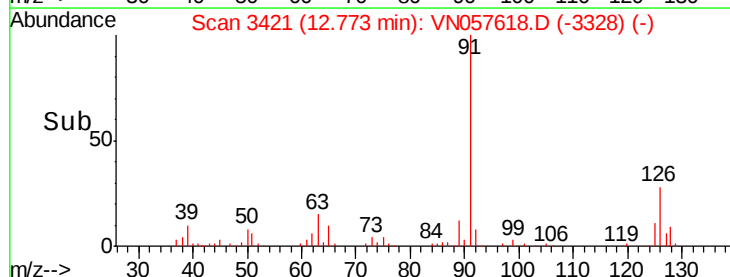
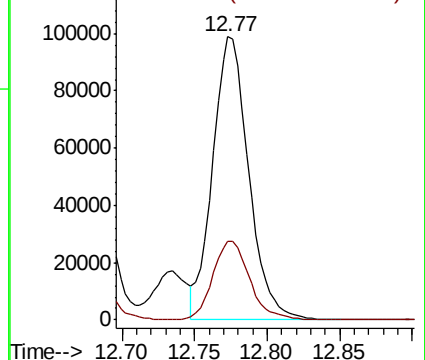
91 100

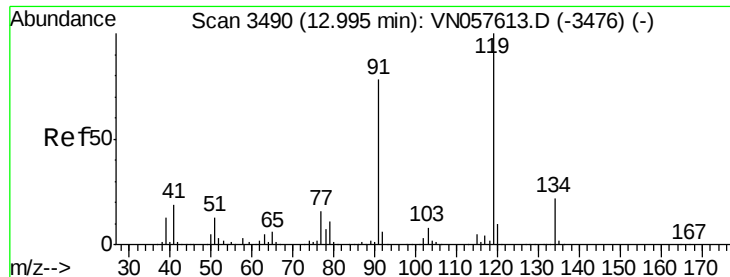
126 28.3 14.4 43.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

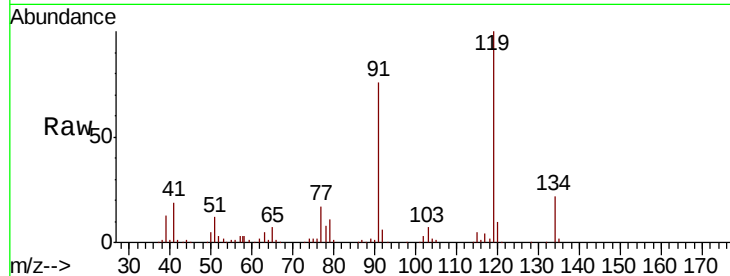




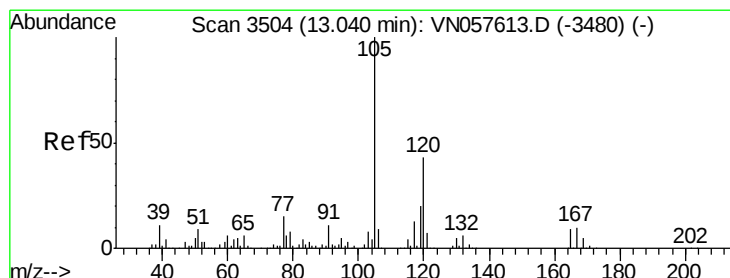
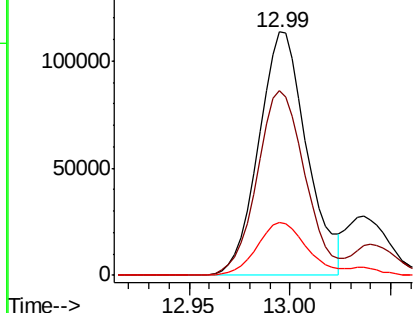
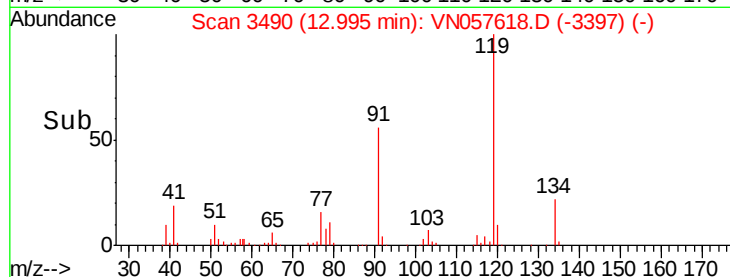
#83
tert-Butylbenzene
Concen: 23.321 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 189274
Ion Ratio Lower Upper
119 100
91 75.2 38.3 114.9
134 22.5 11.3 33.8

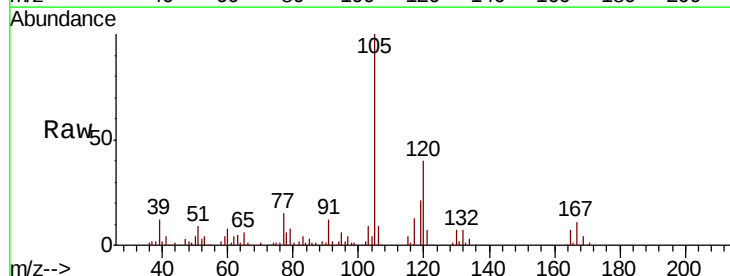


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

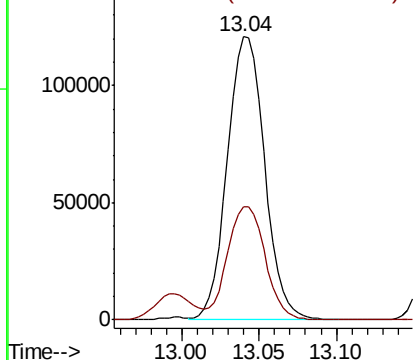
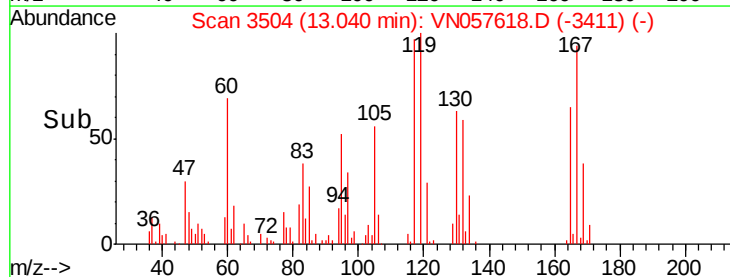


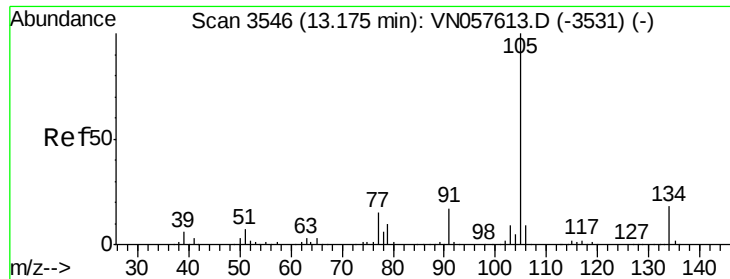
#84
1,2,4-Trimethylbenzene
Concen: 21.849 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN057618.D
Acq: 31 Aug 2019 16:59

Tgt Ion:105 Resp: 202190
Ion Ratio Lower Upper
105 100
120 40.5 20.8 62.5



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

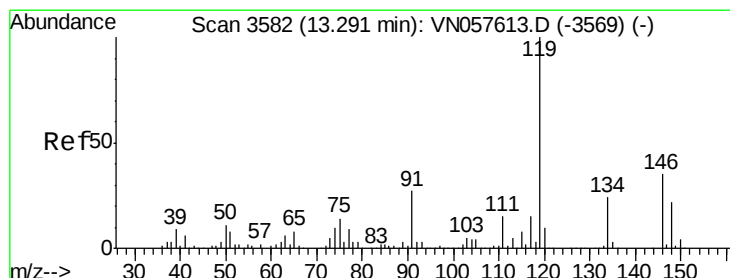
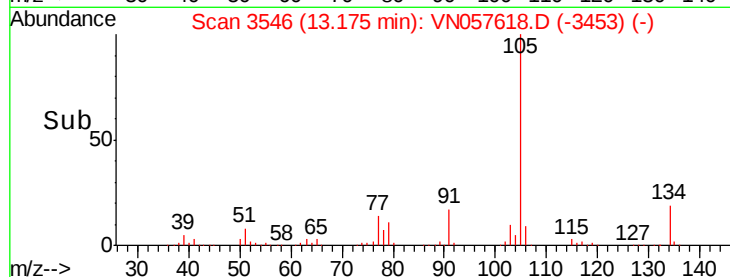
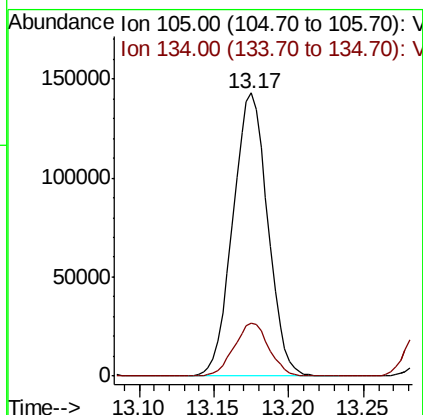
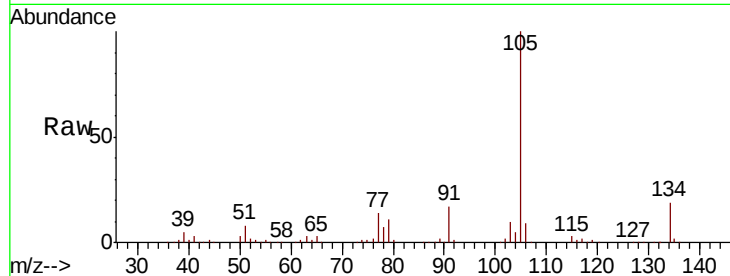




#85
 sec-Butylbenzene
 Concen: 21.220 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

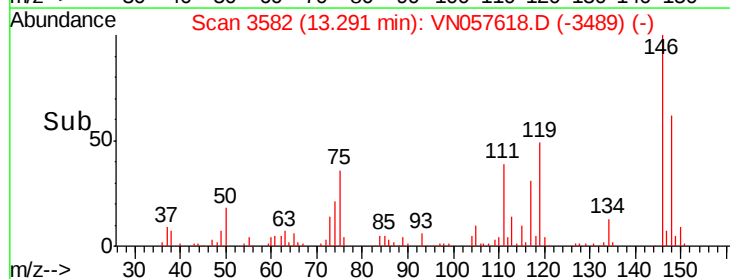
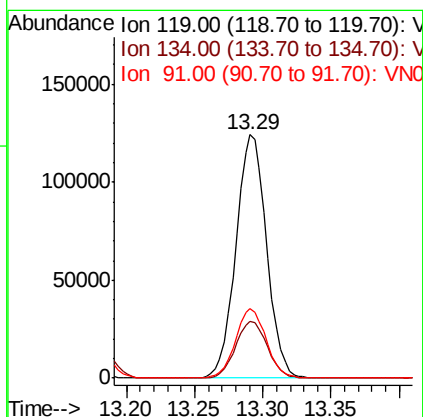
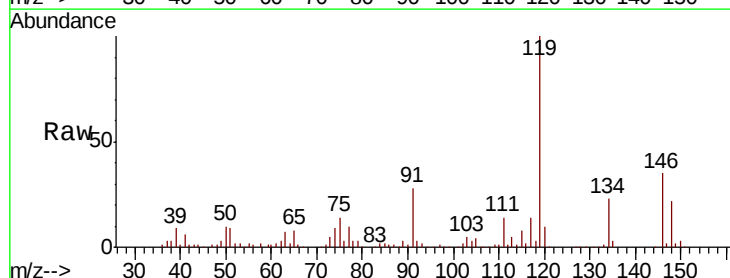
Instrument :
 MSVOA_N
 ClientSampleId :

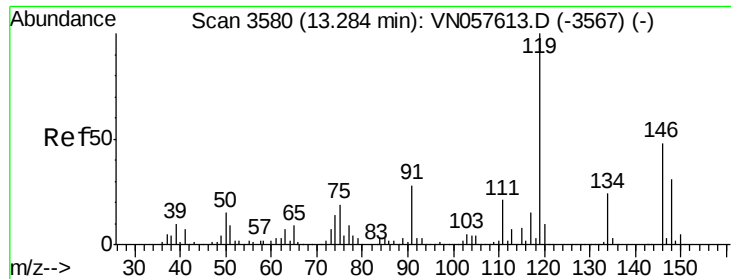
Tot Ion:105 Resp: 231650
 Ion Ratio Lower Upper
 105 100
 134 18.8 8.9 26.8



#86
 p-Isopropyltoluene
 Concen: 21.394 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Tgt Ion:119 Resp: 193149
 Ion Ratio Lower Upper
 119 100
 134 24.3 11.9 35.5
 91 28.4 13.7 41.0

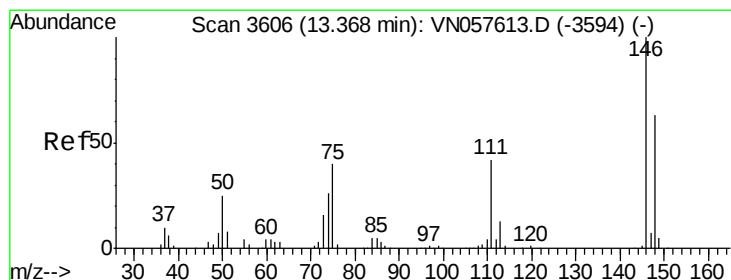
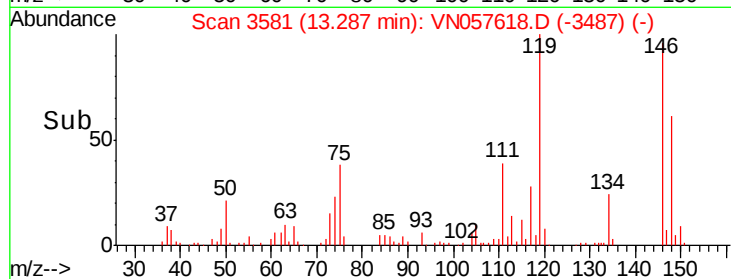
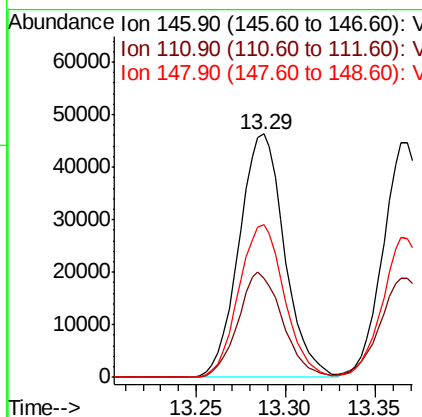
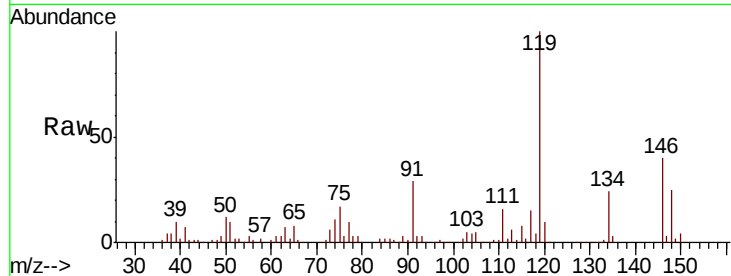




#87
 1,3-Dichlorobenzene
 Concen: 20.357 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

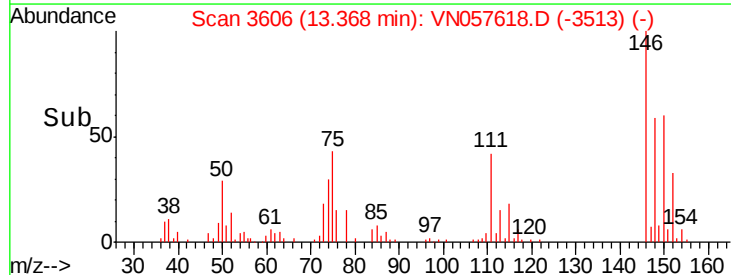
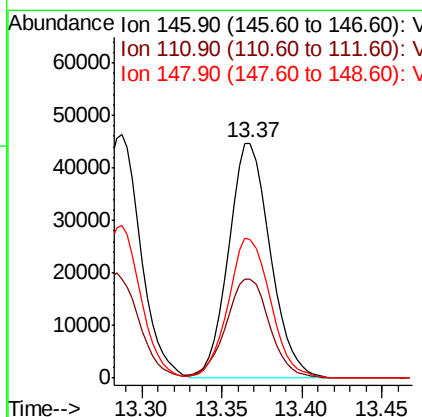
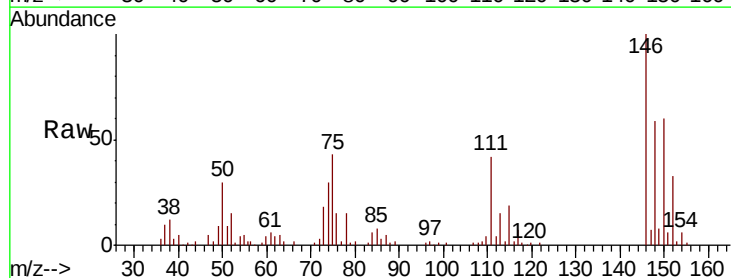
Instrument :
 MSVOA_N
 ClientSampled :

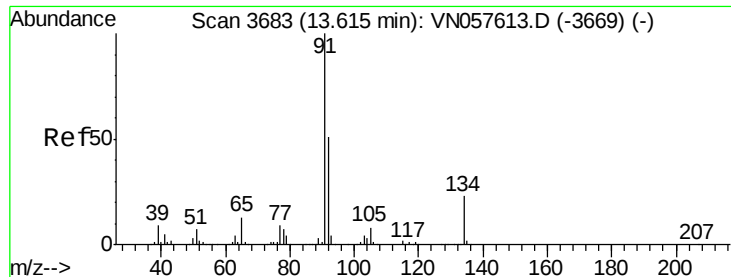
Tot Ion:146 Resp: 82069
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.8 65.3
 148 63.3 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 20.456 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Tgt Ion:146 Resp: 79659
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.6 65.0
 148 60.6 32.2 96.6





#89

n-Butylbenzene

Concen: 21.067 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

ClientSampleId :

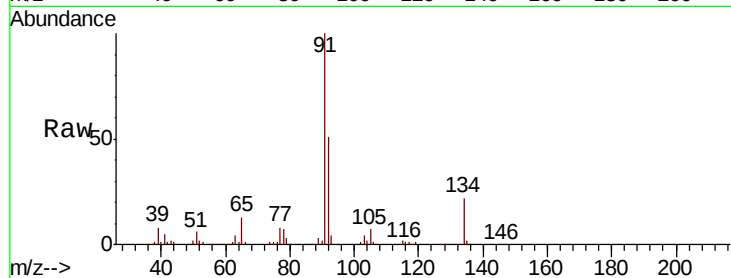
Tot Ion: 91 Resp: 178236

Ion Ratio Lower Upper

91 100

92 50.2 25.4 76.0

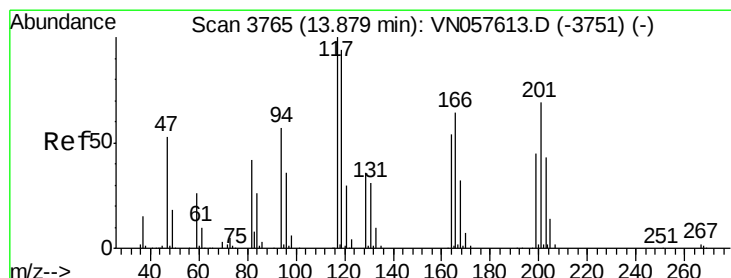
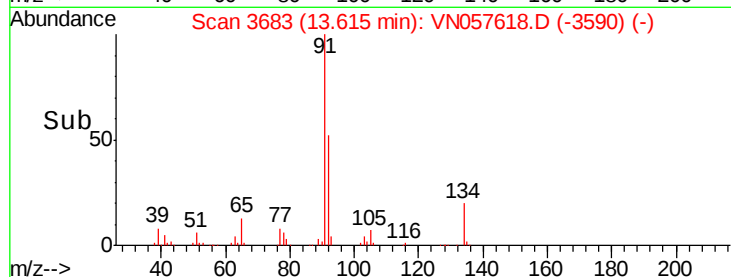
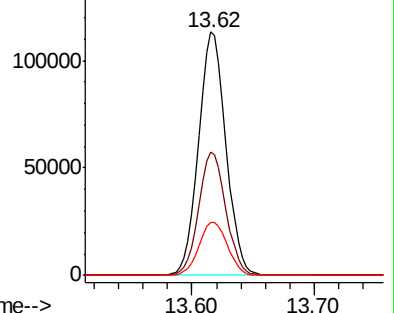
134 22.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN057618.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN057618.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN057618.D (-3669) (-)



#90

Hexachloroethane

Concen: 20.387 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057618.D

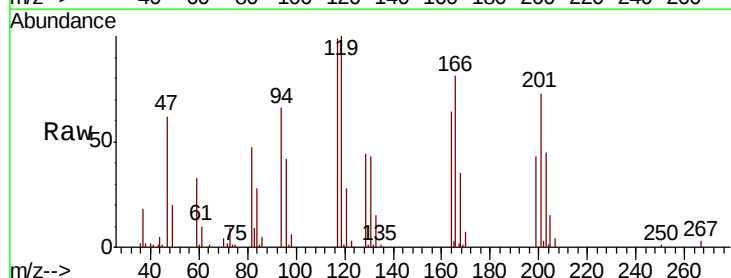
Acq: 31 Aug 2019 16:59

Tgt Ion: 117 Resp: 31954

Ion Ratio Lower Upper

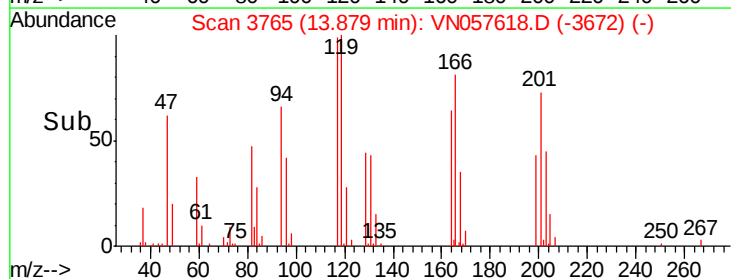
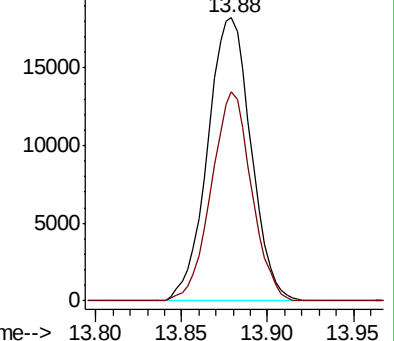
117 100

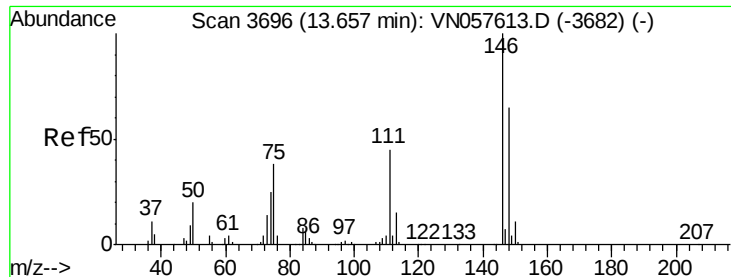
201 68.3 34.4 103.2



Abundance Ion 116.80 (116.50 to 117.50): VN057618.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057618.D (-3751) (-)





#91

1,2-Dichlorobenzene

Concen: 20.393 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Instrument :

MSVOA_N

ClientSampled :

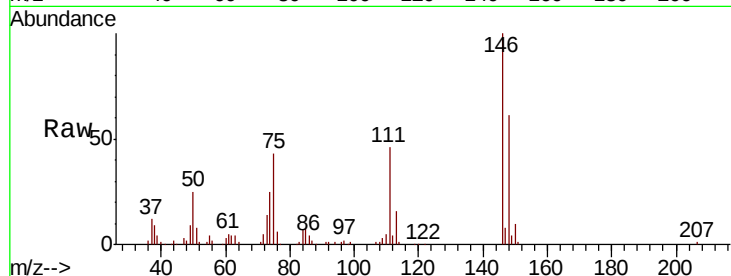
Tot Ion:146 Resp: 78451

Ion Ratio Lower Upper

146 100

111 45.7 22.1 66.5

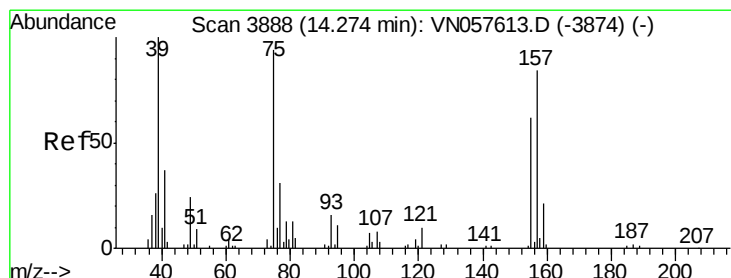
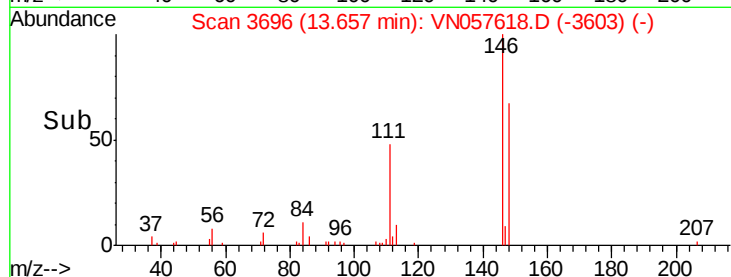
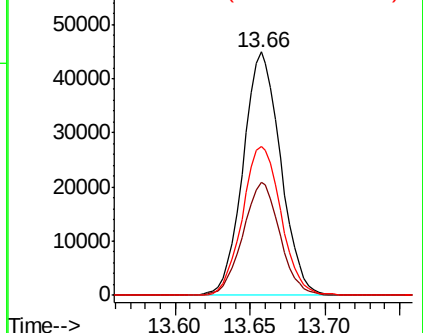
148 62.6 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.435 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

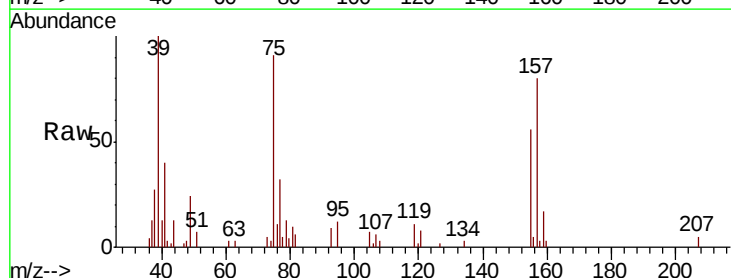
Tgt Ion: 75 Resp: 11310

Ion Ratio Lower Upper

75 100

155 57.7 30.1 90.5

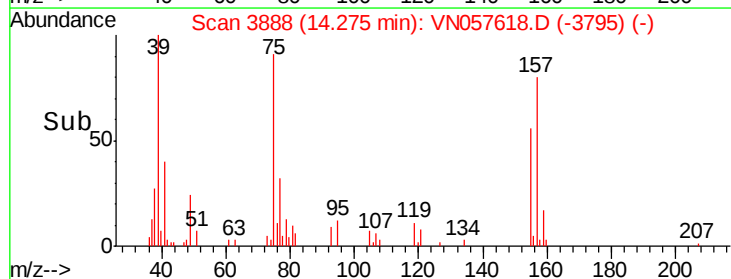
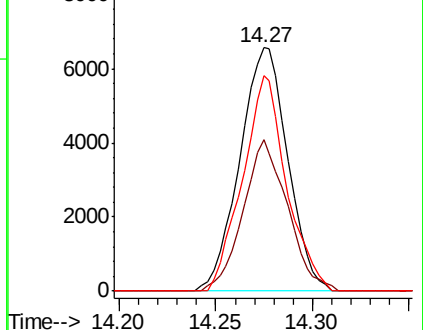
157 81.3 41.4 124.4

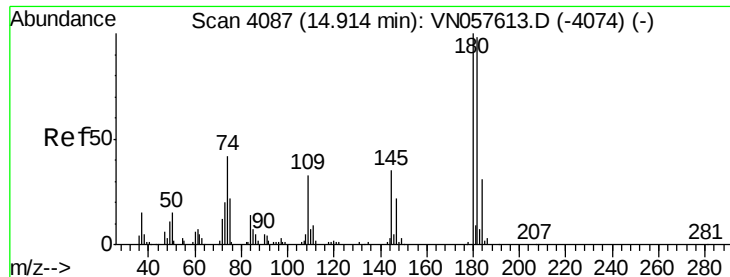


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

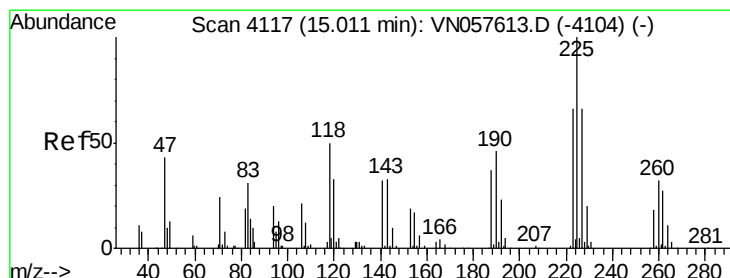
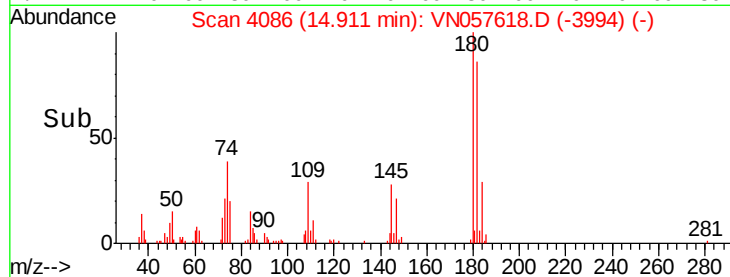
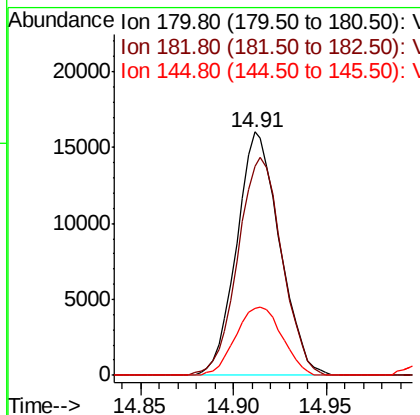
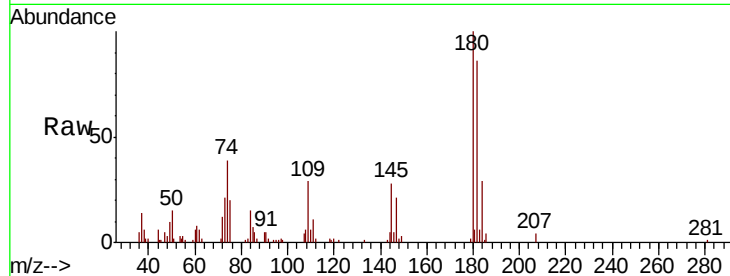




#93
 1,2,4-Trichlorobenzene
 Concen: 21.244 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

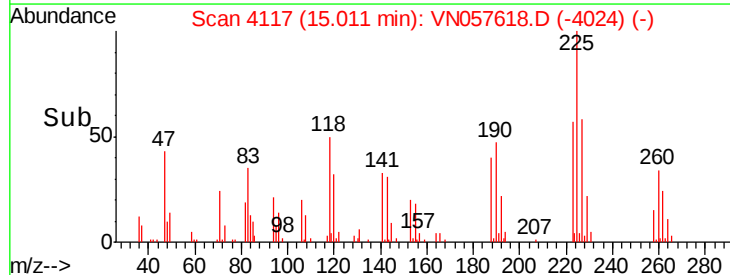
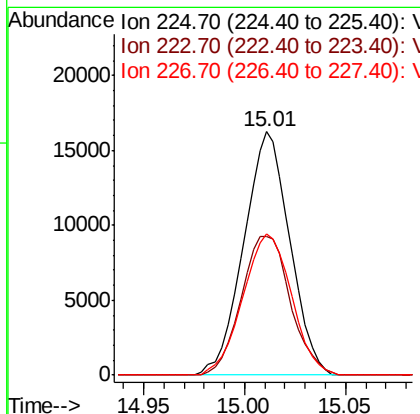
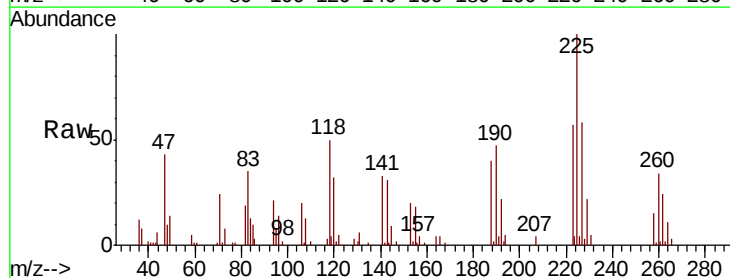
Instrument :
 MSVOA_N
 ClientSampleId :

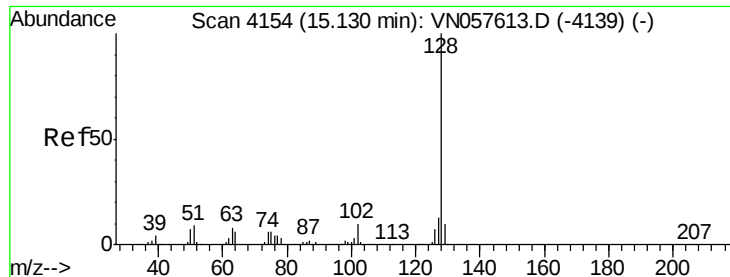
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.8	143.3
145	30.3	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 19.623 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057618.D
 Acq: 31 Aug 2019 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	32.3	96.8
227	61.3	32.4	97.2





#95

Naphthalene

Concen: 19.889 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

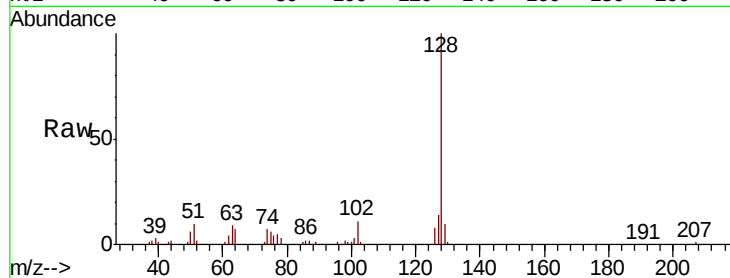
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 74340

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	9.8	8.6	12.8

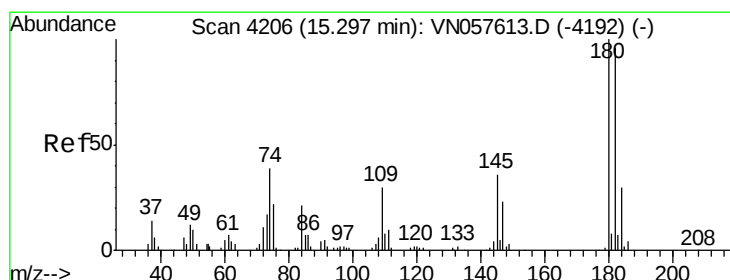
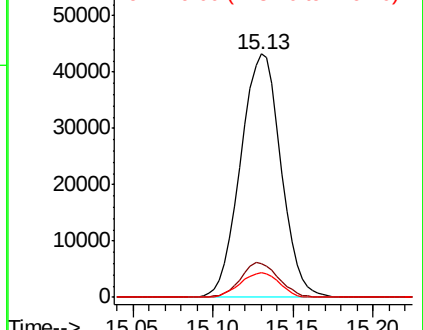
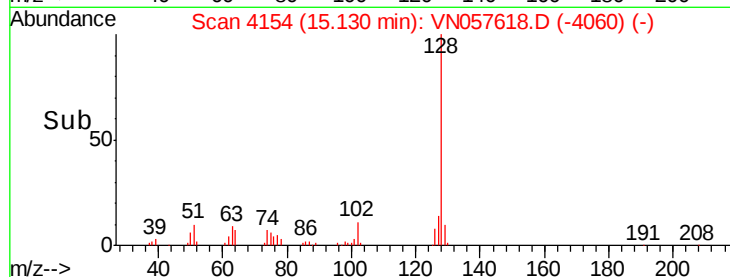


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.012 ug/l

RT: 15.30 min Scan# 4206

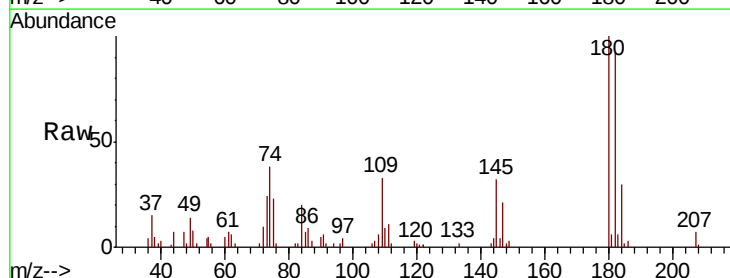
Delta R.T. 0.00 min

Lab File: VN057618.D

Acq: 31 Aug 2019 16:59

Tgt Ion:180 Resp: 24222

Ion	Ratio	Lower	Upper
180	100		
182	98.3	46.3	138.9
145	36.3	17.8	53.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

