

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051539.D
 Acq On : 26 Sep 2018 16:59
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 27 07:56:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	562120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	818133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	736709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389254	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	374294	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
35) Dibromofluoromethane	7.59	113	334390	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
50) Toluene-d8	10.09	98	1244333	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	428057	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	219182	41.794	ug/l	100
3) Chloromethane	2.06	50	356615	42.717	ug/l	99
4) Vinyl Chloride	2.18	62	383185	41.587	ug/l	99
5) Bromomethane	2.56	94	202551	36.698	ug/l	98
6) Chloroethane	2.70	64	248852	43.343	ug/l	100
7) Trichlorofluoromethane	3.01	101	517108	42.846	ug/l	99
8) Diethyl Ether	3.41	74	188480	49.837	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	314834	46.222	ug/l	99
10) Methyl Iodide	3.95	142	323451	35.826	ug/l	100
11) Tert butyl alcohol	4.79	59	123776	311.458	ug/l #	91
12) 1,1-Dichloroethene	3.73	96	268384	42.913	ug/l	98
13) Acrolein	3.61	56	95149	241.111	ug/l	99
14) Allyl chloride	4.32	41	519035	49.464	ug/l	96
15) Acrylonitrile	4.99	53	637549	294.911	ug/l	100
16) Acetone	3.82	43	491411	320.854	ug/l	98
17) Carbon Disulfide	4.05	76	703110	38.266	ug/l	99
18) Methyl Acetate	4.33	43	337330	62.901	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	891985	55.307	ug/l	100
20) Methylene Chloride	4.55	84	339042	48.657	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	296116	46.283	ug/l	98
22) Diisopropyl ether	5.95	45	1122153	55.324	ug/l	99
23) Vinyl Acetate	5.90	43	3812656	286.314	ug/l	99
24) 1,1-Dichloroethane	5.85	63	624820	51.629	ug/l	98
25) 2-Butanone	6.84	43	775887	321.925	ug/l	98
26) 2,2-Dichloropropane	6.83	77	509487	53.932	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	352878	50.266	ug/l	97
28) Bromochloromethane	7.20	49	318976	57.075	ug/l	97
29) Tetrahydrofuran	7.22	42	498206	326.192	ug/l	97
30) Chloroform	7.37	83	614263	51.224	ug/l	99
31) Cyclohexane	7.66	56	519594	46.861	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	517796	50.509	ug/l	100
36) 1,1-Dichloropropene	7.79	75	445569	47.030	ug/l	98
37) Ethyl Acetate	6.93	43	323392	59.367	ug/l	100
38) Carbon Tetrachloride	7.77	117	452278	45.641	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	513394	46.355	ug/l	96
40) Benzene	8.04	78	1358839	48.847	ug/l	98
41) Methacrylonitrile	7.17	41	156027	51.773	ug/l	93
42) 1,2-Dichloroethane	8.13	62	447415	50.229	ug/l	100
43) Isopropyl Acetate	8.17	43	591393	60.039	ug/l #	90
44) Trichloroethene	8.84	130	351684	47.597	ug/l	99
45) 1,2-Dichloropropane	9.12	63	386456	51.106	ug/l	99
46) Dibromomethane	9.21	93	221242	51.782	ug/l	97
47) Bromodichloromethane	9.40	83	480911	50.862	ug/l	98
48) Methyl methacrylate	9.20	41	288620	58.771	ug/l	97
49) 1,4-Dioxane	9.20	88	60677	1008.151	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1669010	308.094	ug/l	99
52) Toluene	10.16	92	843543	48.794	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	497074	52.073	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	563896	50.939	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	324670	53.139	ug/l	99
56) Ethyl methacrylate	10.43	69	435041	58.238	ug/l	100
57) 1,3-Dichloropropane	10.71	76	551149	52.630	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1079572	265.659	ug/l	98
59) 2-Hexanone	10.75	43	1149817	327.417	ug/l	99
60) Dibromochloromethane	10.90	129	365798	50.743	ug/l	100
61) 1,2-Dibromoethane	11.01	107	309923	52.253	ug/l	99
64) Tetrachloroethene	10.63	164	308679	46.168	ug/l	98
65) Chlorobenzene	11.43	112	933514	49.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	358755	49.818	ug/l	99
67) Ethyl Benzene	11.51	91	1596417	50.116	ug/l	100
68) m/p-Xylenes	11.62	106	1228835	99.731	ug/l	98
69) o-Xylene	11.95	106	593936	50.142	ug/l	96
70) Styrene	11.96	104	977945	52.102	ug/l	100
71) Bromoform	12.13	173	258603	52.923	ug/l #	98
73) Isopropylbenzene	12.25	105	1619389	49.307	ug/l	100
74) N-amyl acetate	12.07	43	495538	60.135	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	432921	56.527	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	526622	81.497	ug/l #	100
77) Bromobenzene	12.53	156	402067	48.359	ug/l	94
78) n-propylbenzene	12.59	91	1887529	50.994	ug/l	98
79) 2-Chlorotoluene	12.67	91	1109140	50.059	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1356698	50.660	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	121294	57.719	ug/l	99
82) 4-Chlorotoluene	12.77	91	1113873	50.369	ug/l	99
83) tert-Butylbenzene	12.99	119	1210823	50.797	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1372968	50.877	ug/l	100
85) sec-Butylbenzene	13.17	105	1640368	50.869	ug/l	99
86) p-Isopropyltoluene	13.29	119	1437884	51.531	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	720224	50.058	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	692355	50.012	ug/l	99
89) n-Butylbenzene	13.62	91	1216113	53.001	ug/l	99
90) Hexachloroethane	13.88	117	266510	47.937	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	713501	51.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67637	61.884	ug/l	95

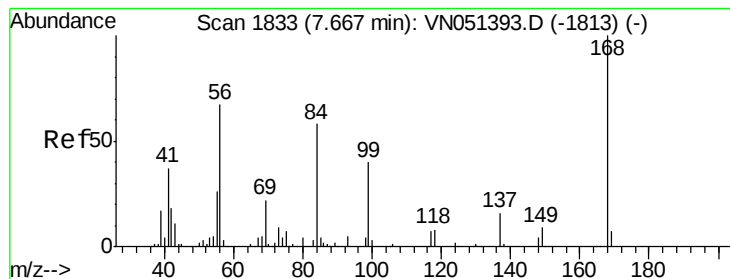
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	369540	49.208	ug/l	99
94) Hexachlorobutadiene	15.01	225	265732	50.310	ug/l	98
95) Naphthalene	15.14	128	745415	51.263	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	375027	55.980	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

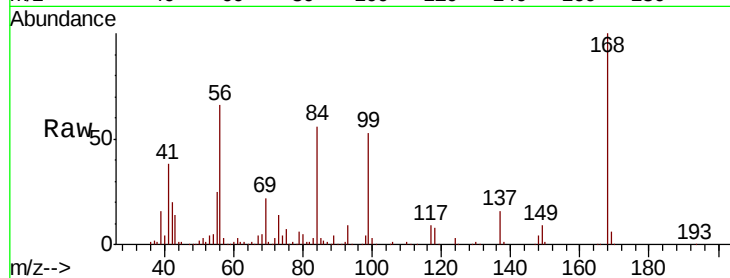
VSTDCCC050

Tot Ion:168 Resp: 562120

Ion Ratio Lower Upper

168 100

99 52.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

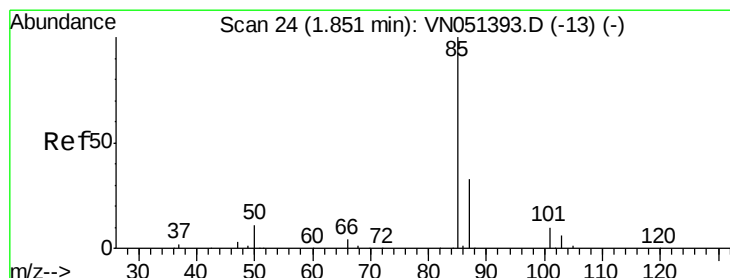
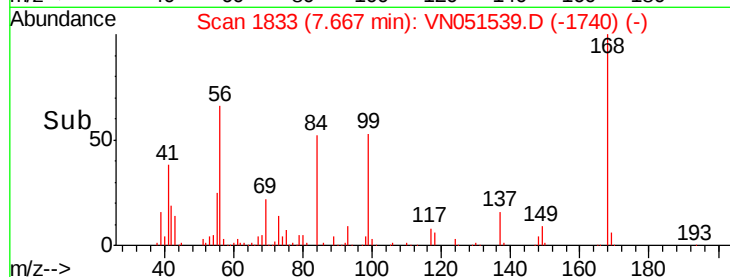
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.794 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051539.D

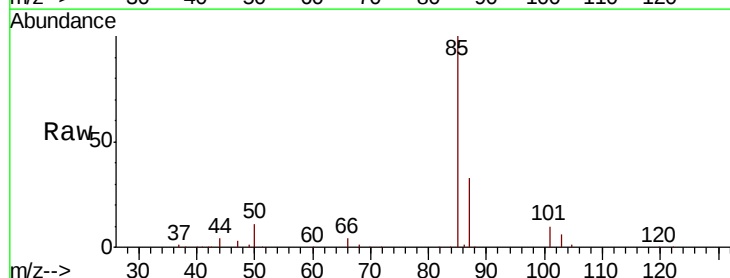
Acq: 26 Sep 2018 16:59

Tgt Ion: 85 Resp: 219182

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

150000

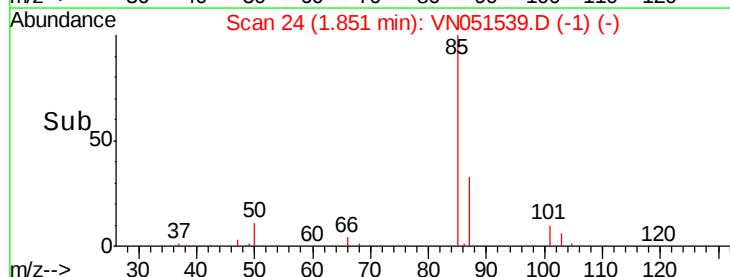
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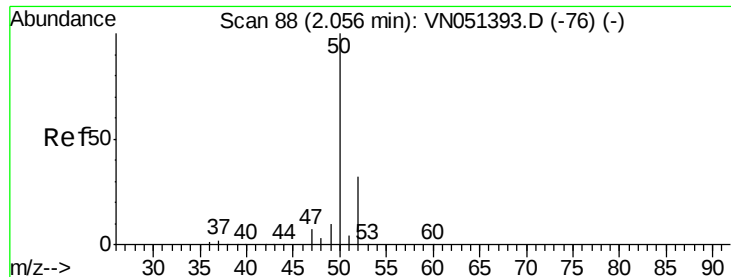
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 42.717 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

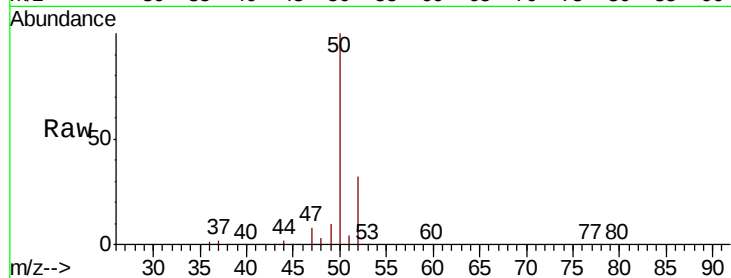
VSTDCCC050

Tot Ion: 50 Resp: 356615

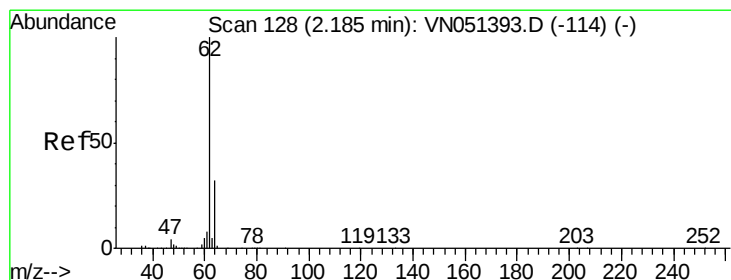
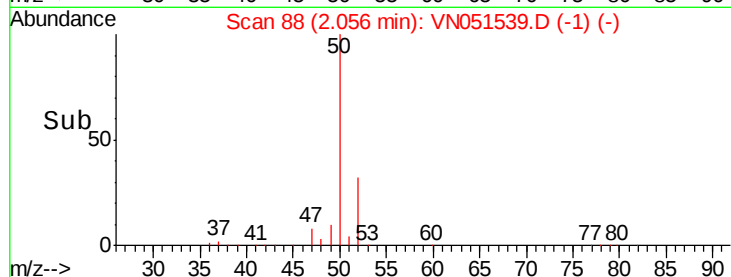
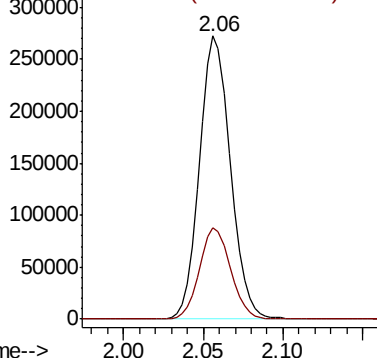
Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 41.587 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051539.D

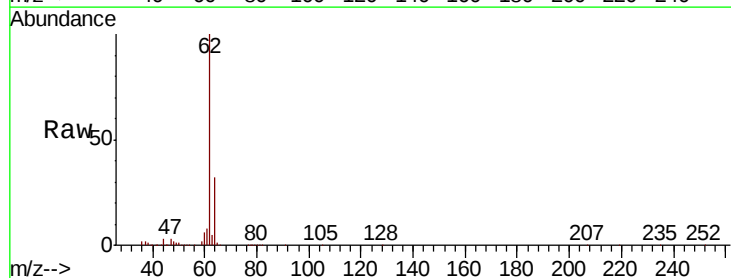
Acq: 26 Sep 2018 16:59

Tgt Ion: 62 Resp: 383185

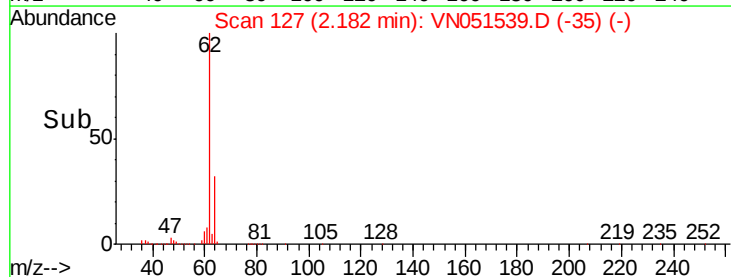
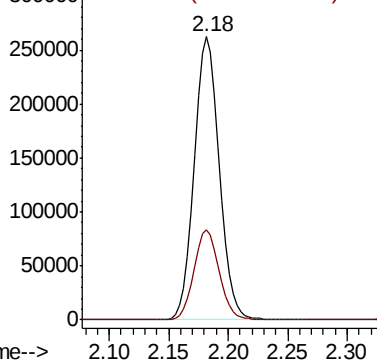
Ion Ratio Lower Upper

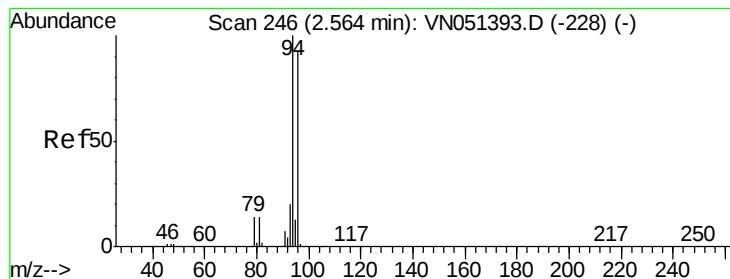
62 100

64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 36.698 ug/l

RT: 2.56 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

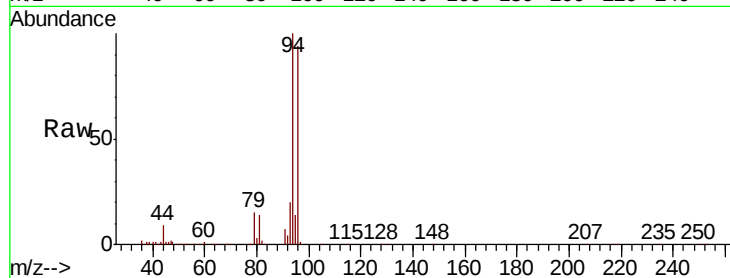
VSTDCCC050

Tot Ion: 94 Resp: 202551

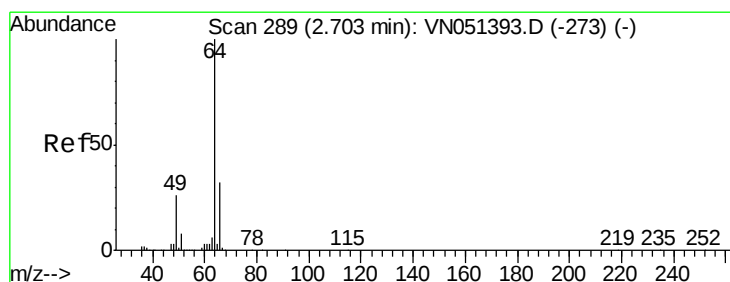
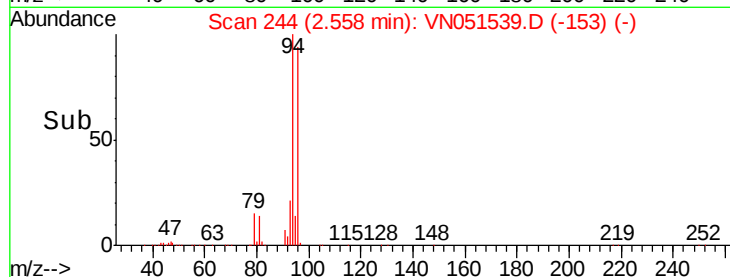
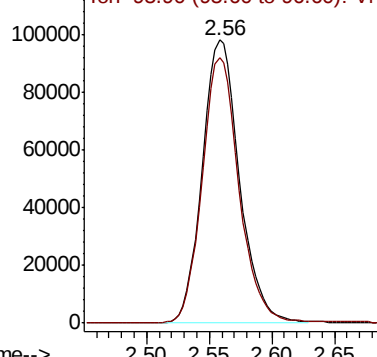
Ion Ratio Lower Upper

94 100

96 93.6 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 43.343 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051539.D

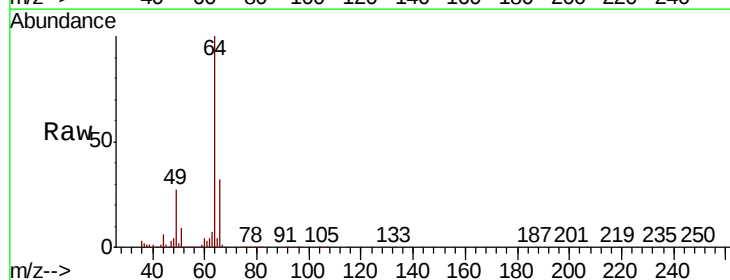
Acq: 26 Sep 2018 16:59

Tgt Ion: 64 Resp: 248852

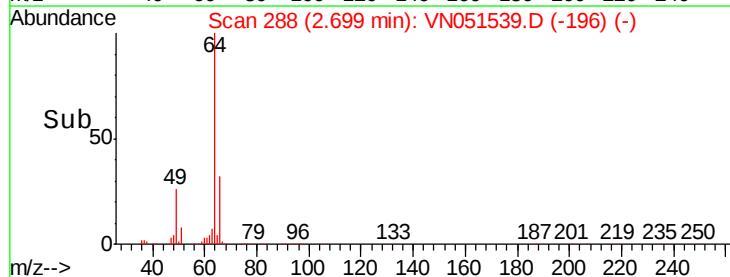
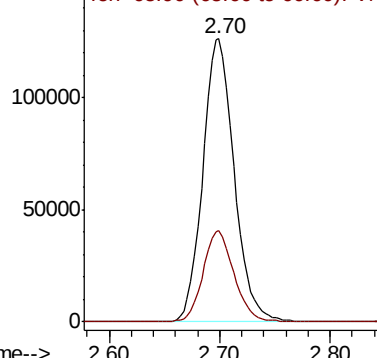
Ion Ratio Lower Upper

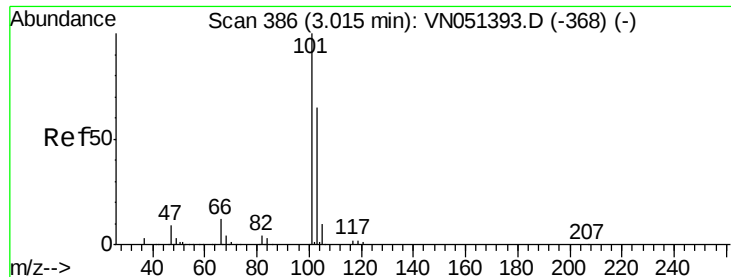
64 100

66 32.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



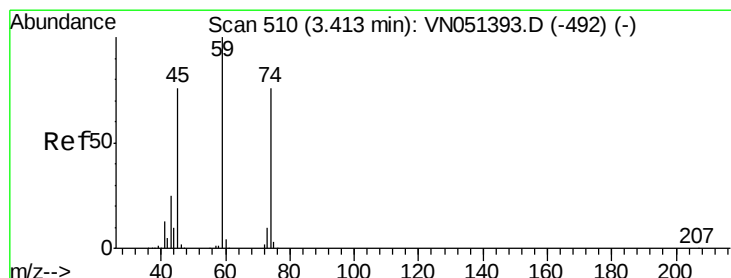
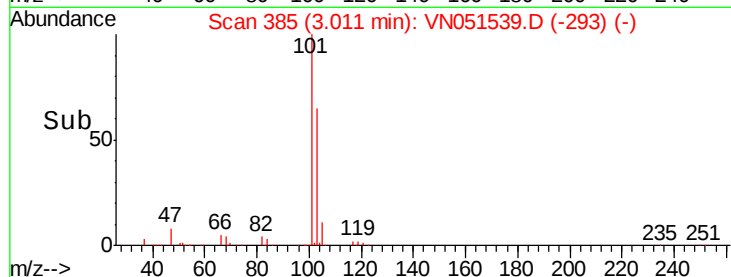
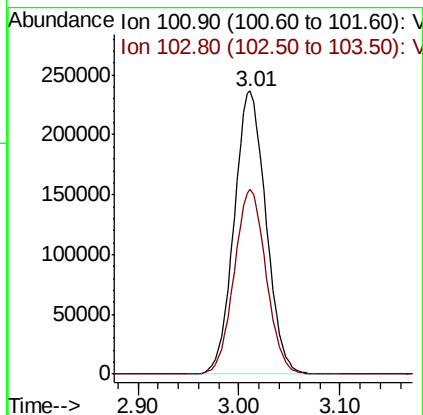
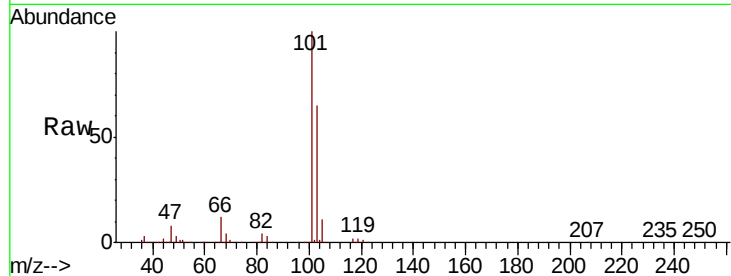


#7

Trichlorofluoromethane
 Concen: 42.846 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Instrument :
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 VSTDCCC050

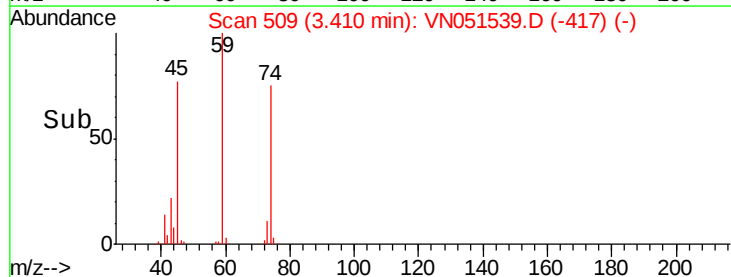
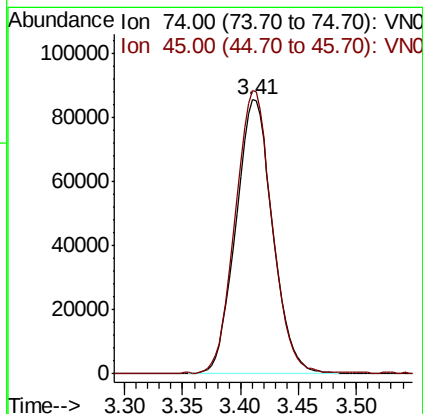
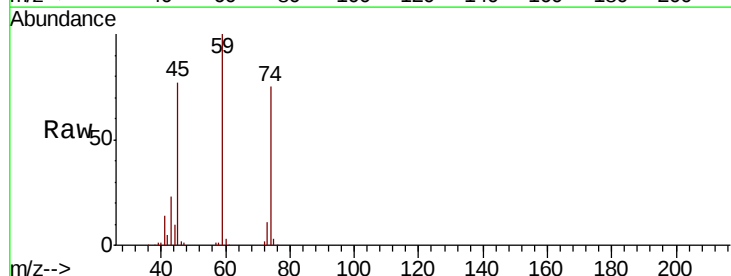
Tot Ion:101 Resp: 517108
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.8

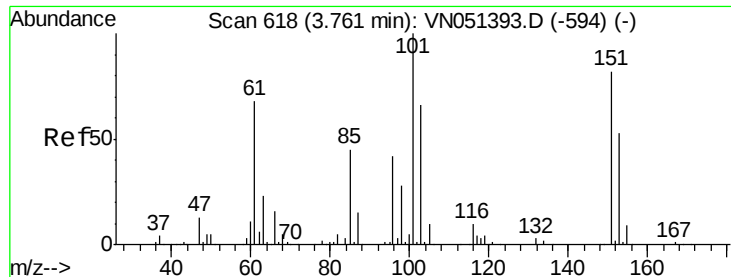


#8

Diethyl Ether
 Concen: 49.837 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Tgt Ion: 74 Resp: 188480
 Ion Ratio Lower Upper
 74 100
 45 102.5 50.2 150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.222 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

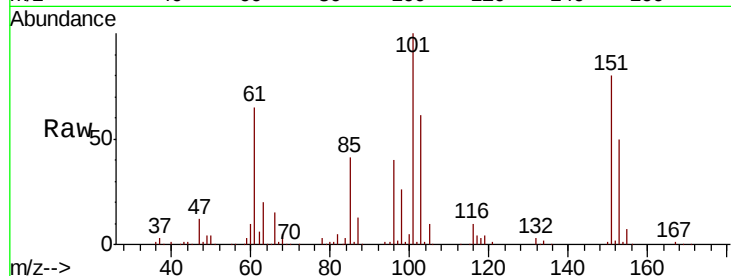
Tot Ion:101 Resp: 314834

Ion Ratio Lower Upper

101 100

85 42.3 33.9 50.9

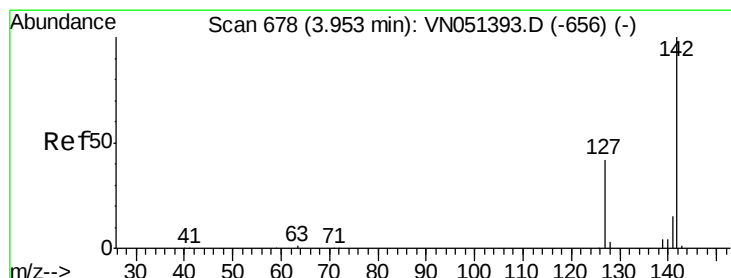
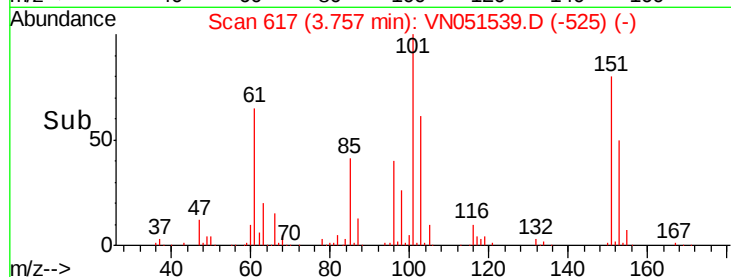
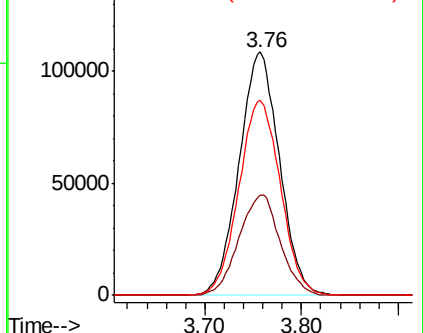
151 82.4 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.826 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

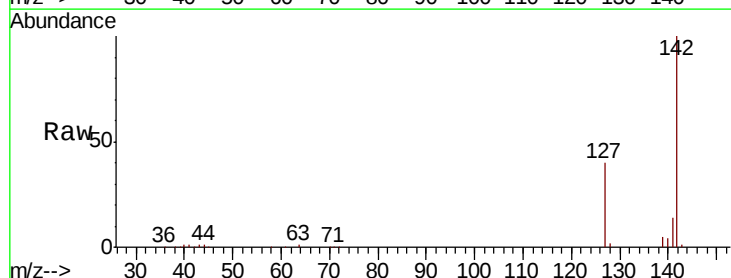
Tgt Ion:142 Resp: 323451

Ion Ratio Lower Upper

142 100

127 41.4 33.2 49.8

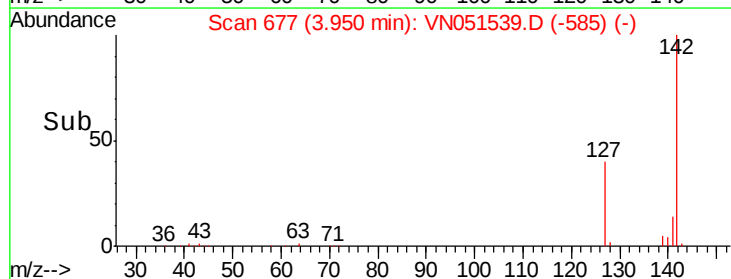
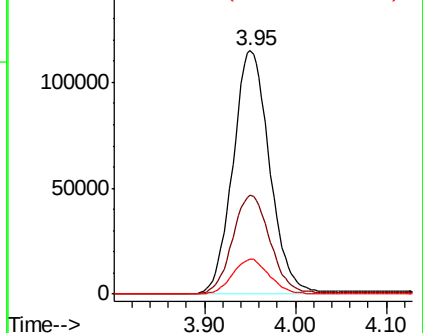
141 14.4 11.5 17.3

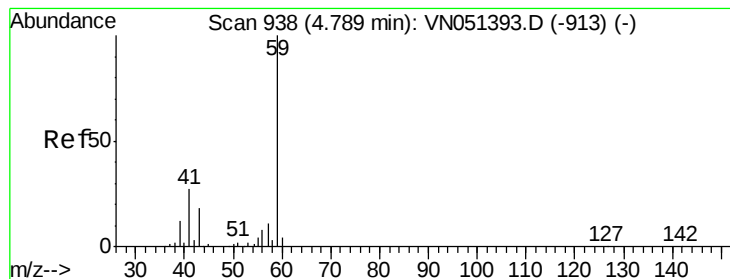


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



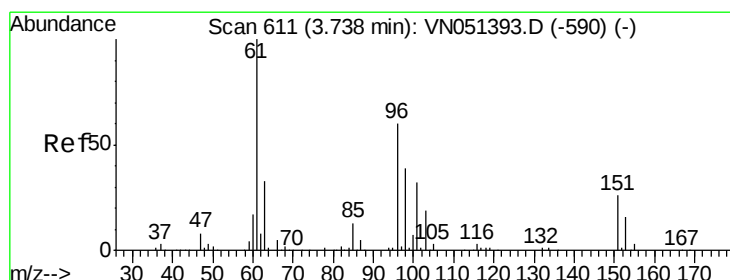
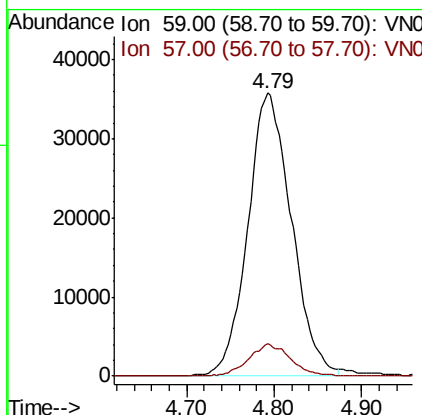
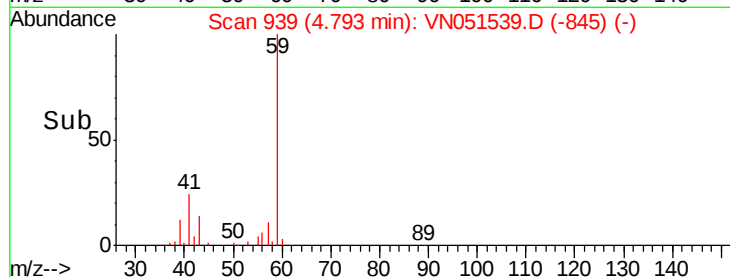
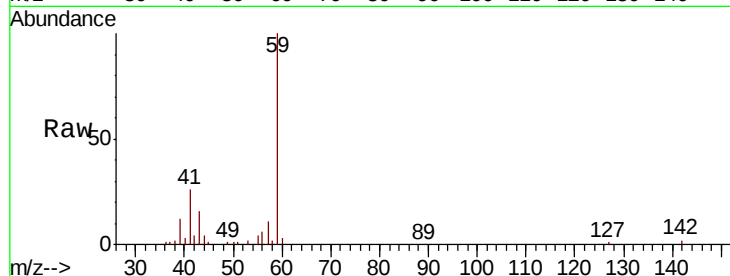


#11

Tert butyl alcohol
Concen: 311.458 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

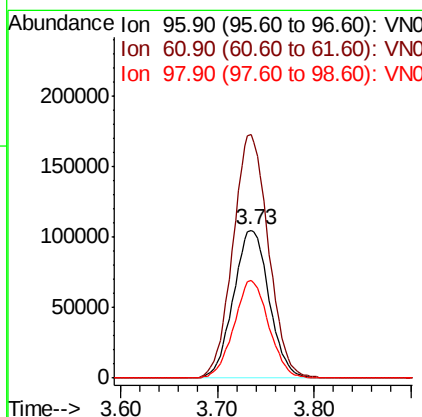
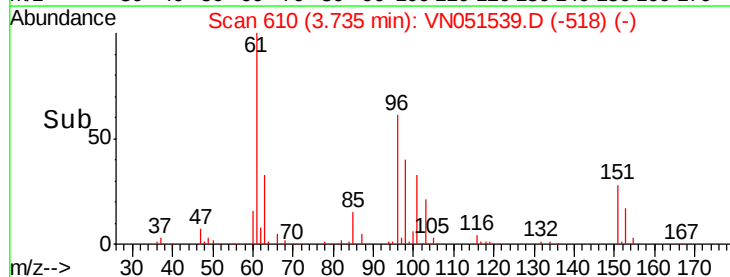
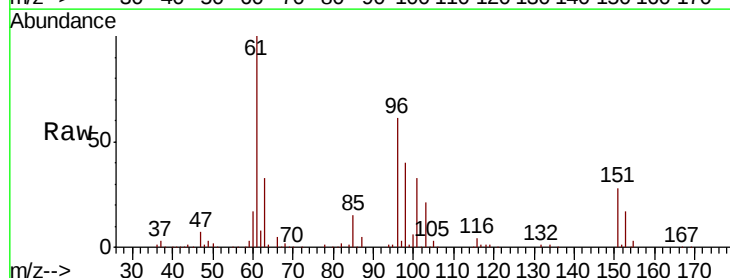
Tot Ion: 59 Resp: 123776
Ion Ratio Lower Upper
59 100
57 10.9 6.2 9.2#

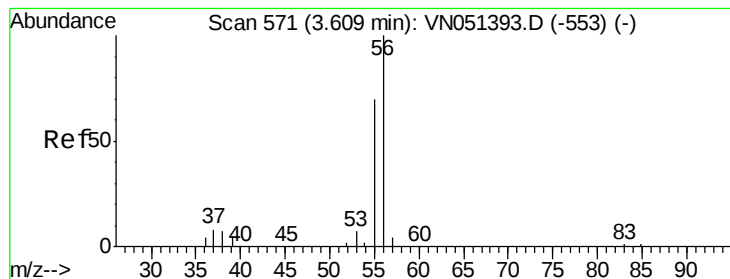


#12

1,1-Dichloroethene
Concen: 42.913 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 96 Resp: 268384
Ion Ratio Lower Upper
96 100
61 164.3 133.6 200.4
98 65.6 52.2 78.2





#13

Acrolein

Concen: 241.111 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

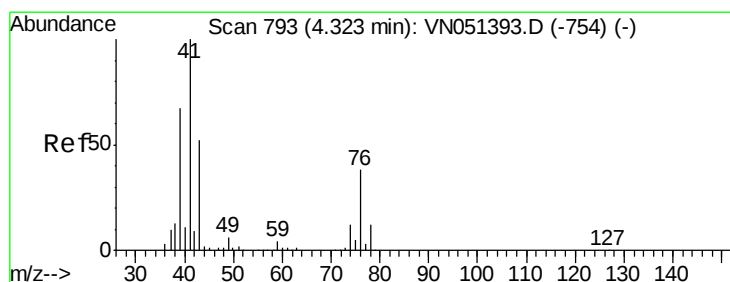
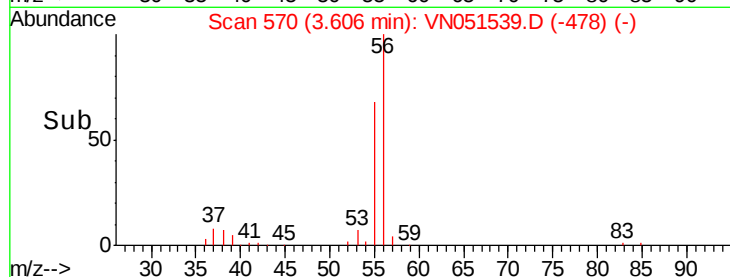
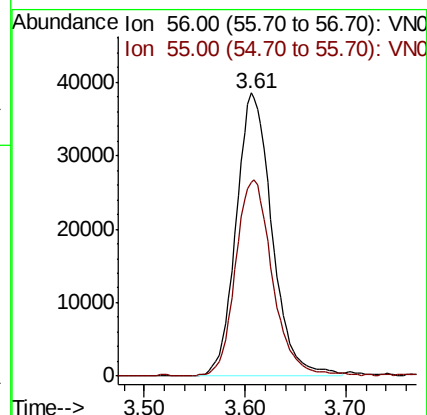
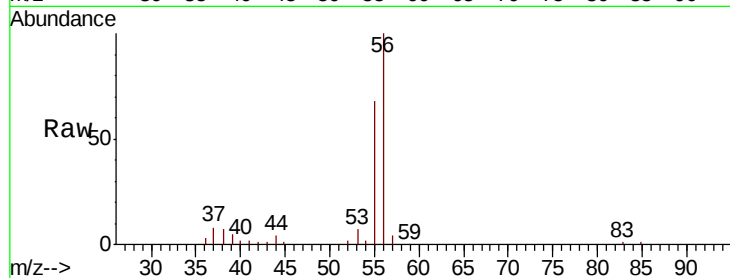
VSTDCCC050

Tot Ion: 56 Resp: 95149

Ion Ratio Lower Upper

56 100

55 71.8 57.8 86.8



#14

Allyl chloride

Concen: 49.464 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

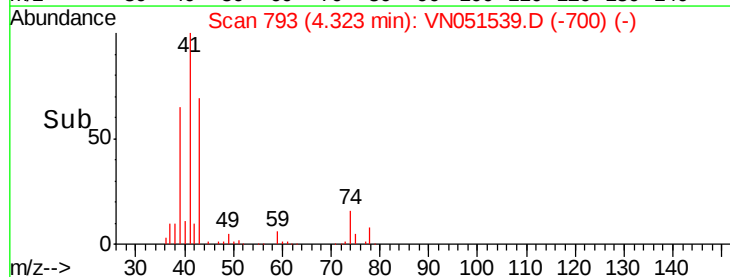
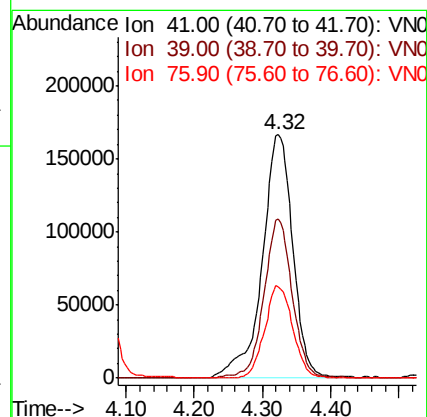
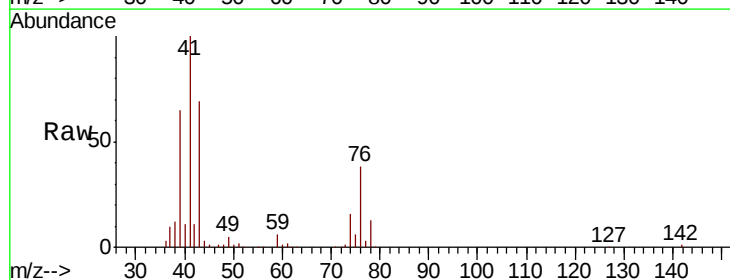
Tgt Ion: 41 Resp: 519035

Ion Ratio Lower Upper

41 100

39 60.3 51.4 77.2

76 34.4 28.1 42.1





#15

Acrylonitrile

Concen: 294.911 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

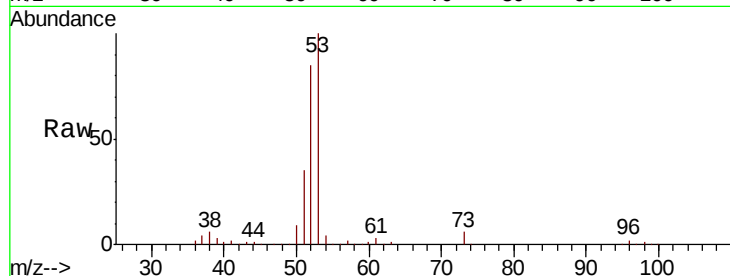
Tot Ion: 53 Resp: 637549

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

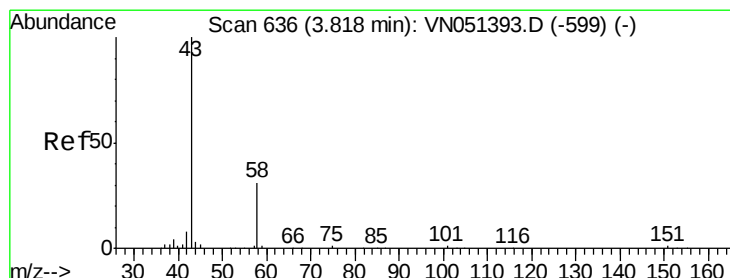
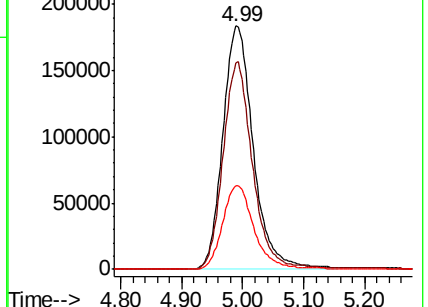
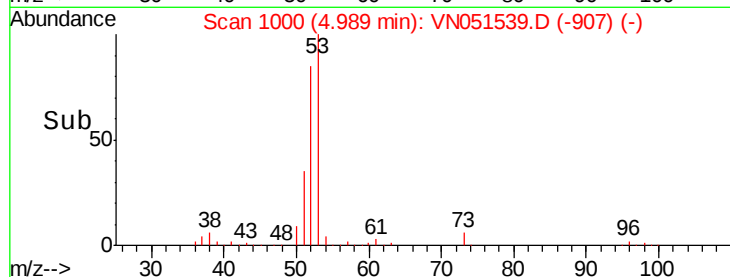
51 35.5 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VN051539.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051539.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051539.D (-976) (-)



#16

Acetone

Concen: 320.854 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051539.D

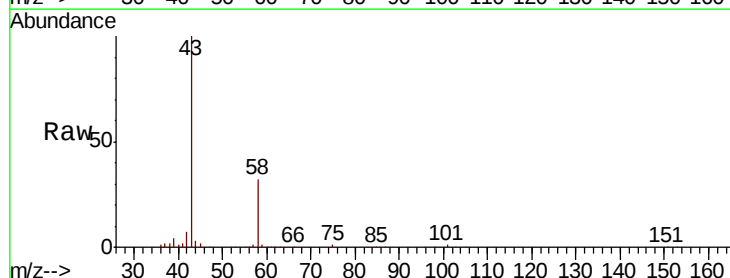
Acq: 26 Sep 2018 16:59

Tgt Ion: 43 Resp: 491411

Ion Ratio Lower Upper

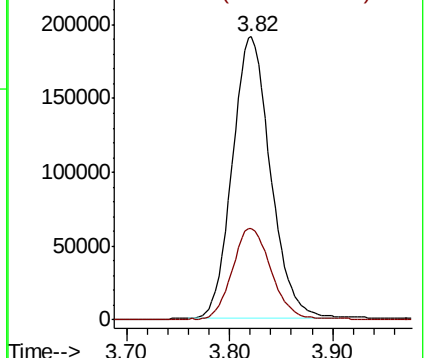
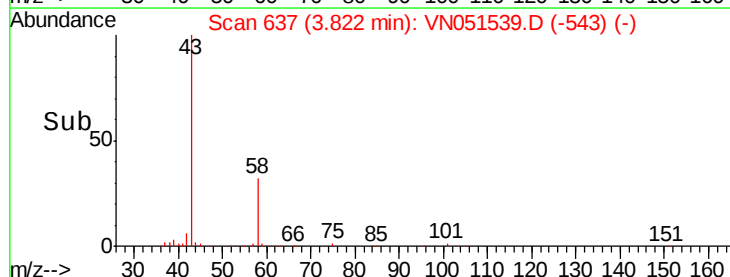
43 100

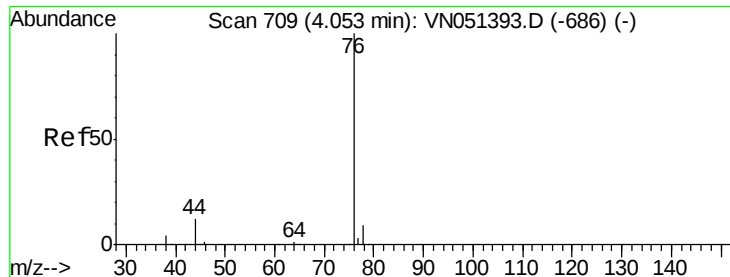
58 32.3 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN051539.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051539.D (-543) (-)

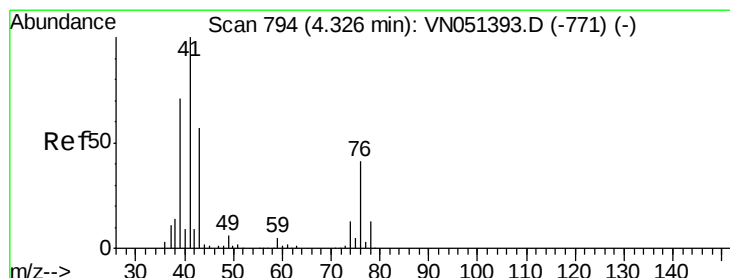
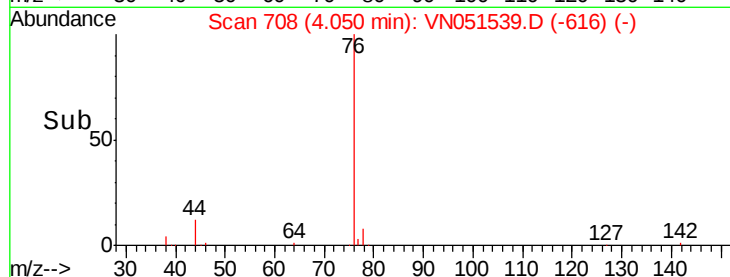
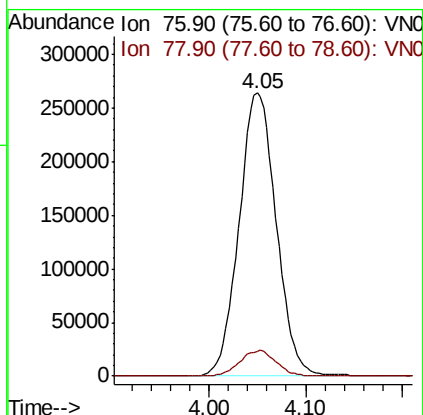
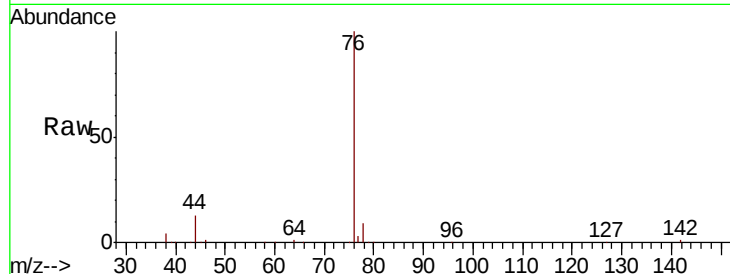




#17
Carbon Disulfide
Concen: 38.266 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

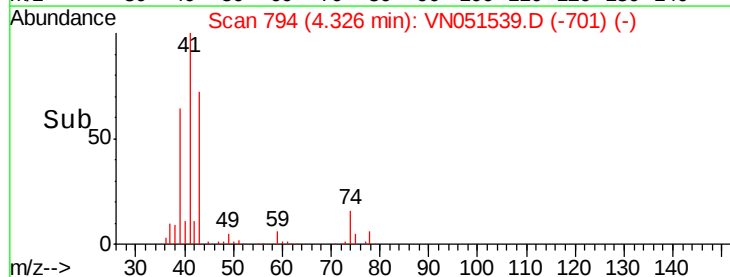
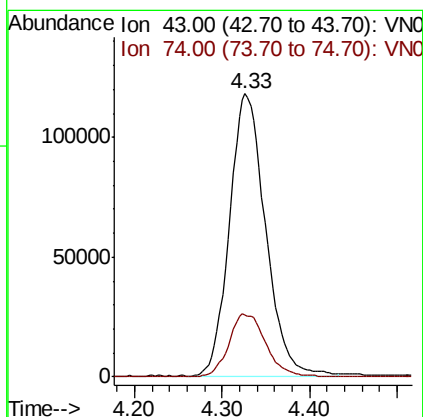
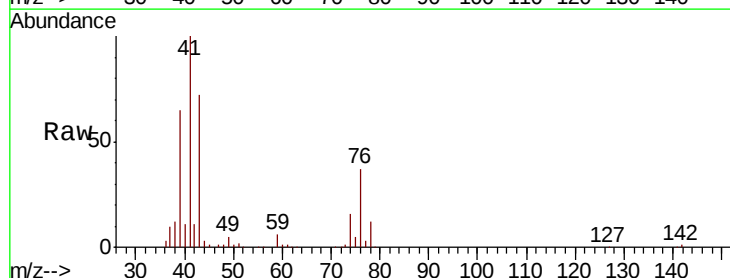
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

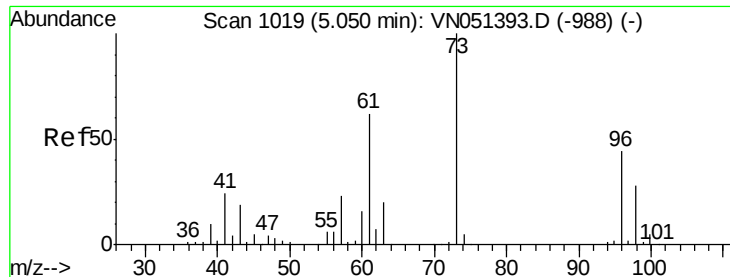
Tot Ion: 76 Resp: 703110
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 62.901 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 43 Resp: 337330
Ion Ratio Lower Upper
43 100
74 22.9 18.8 28.2



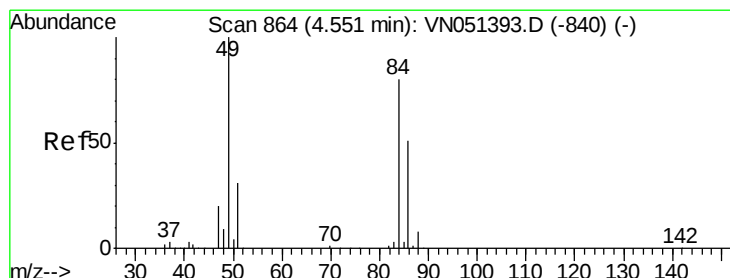
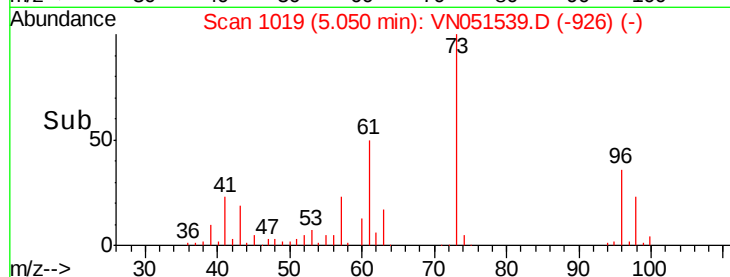
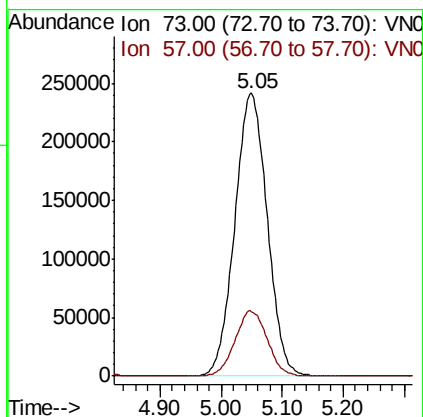
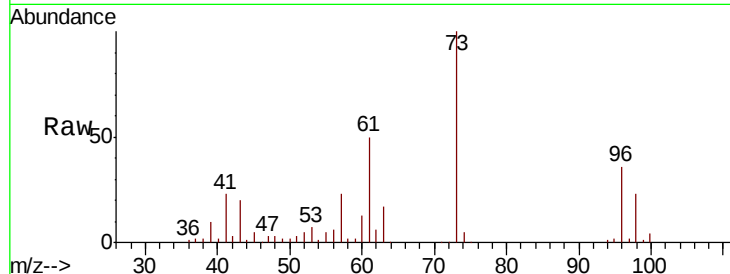


#19

Methyl tert-butyl Ether
 Concen: 55.307 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

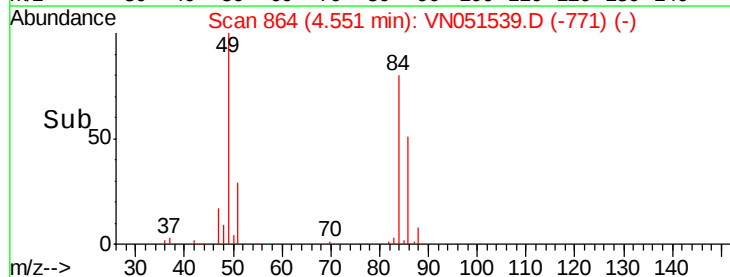
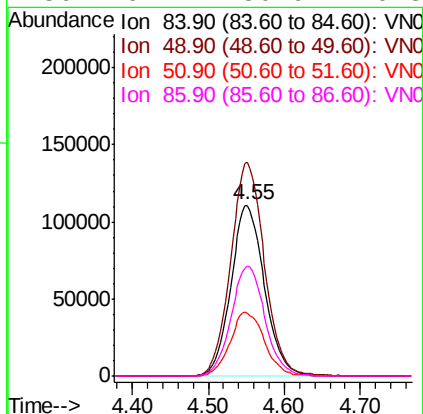
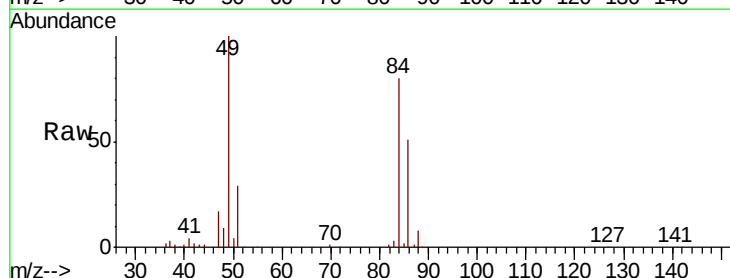
Tot Ion: 73 Resp: 891985
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.3 27.5

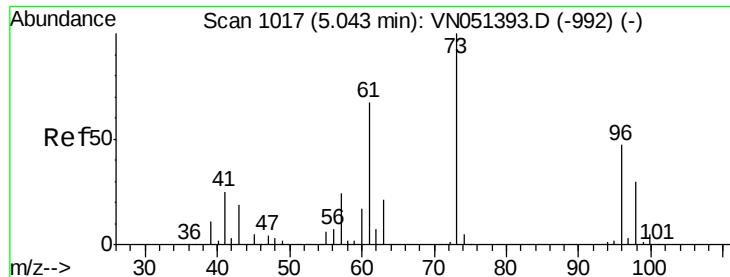


#20

Methylene Chloride
 Concen: 48.657 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Tgt Ion: 84 Resp: 339042
 Ion Ratio Lower Upper
 84 100
 49 125.3 99.9 149.9
 51 36.8 31.4 47.2
 86 64.4 50.9 76.3

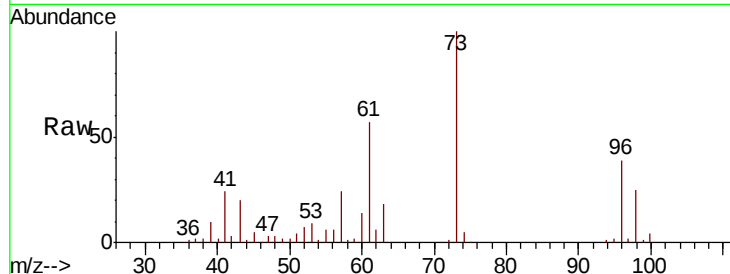




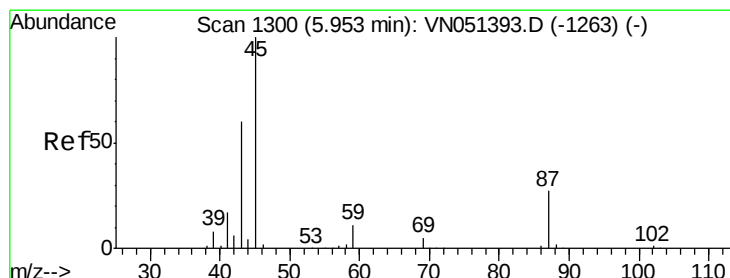
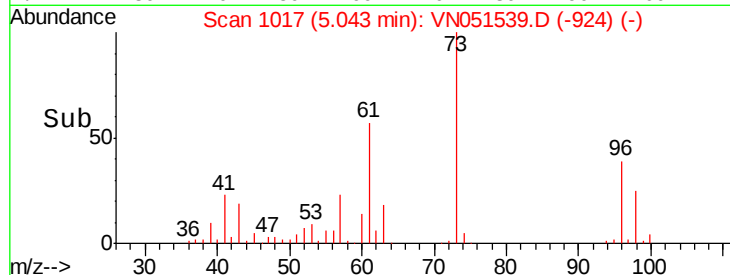
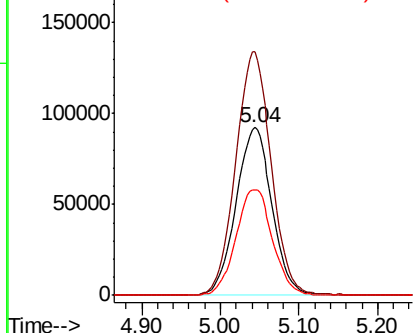
#21
trans-1,2-Dichloroethene
Concen: 46.283 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 296116
Ion Ratio Lower Upper
96 100
61 145.0 113.4 170.2
98 62.6 51.1 76.7

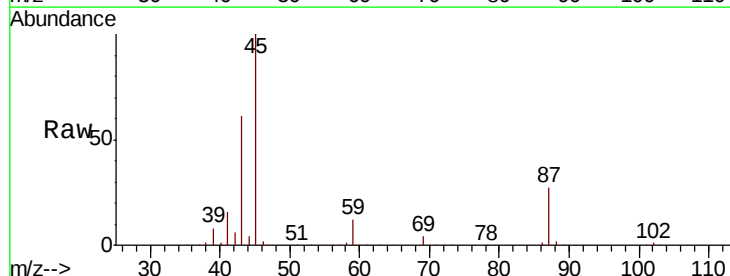


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

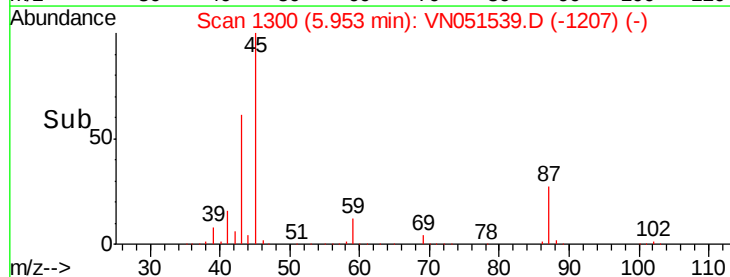
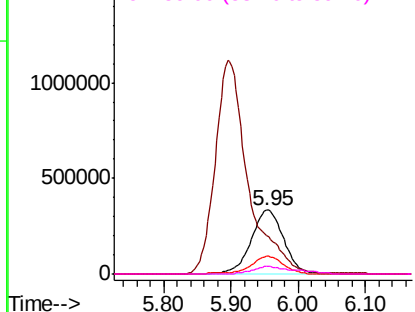


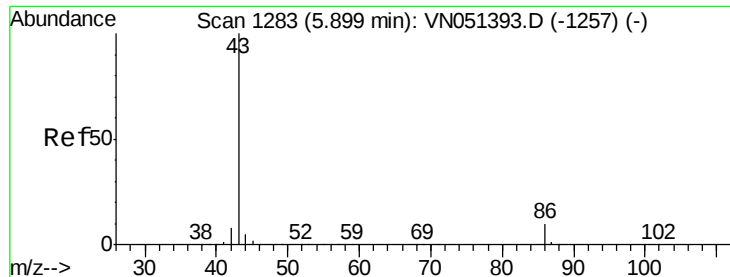
#22
Diisopropyl ether
Concen: 55.324 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 45 Resp: 1122153
Ion Ratio Lower Upper
45 100
43 59.4 47.7 71.5
87 27.2 22.0 33.0
59 12.1 9.3 13.9



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

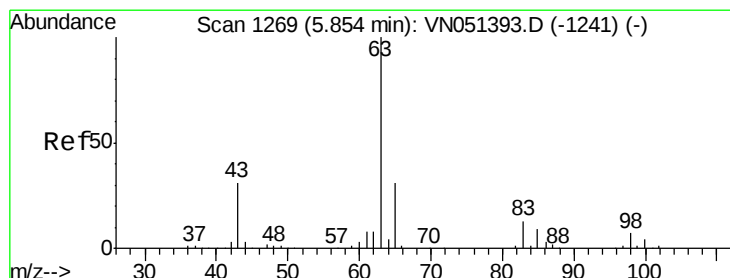
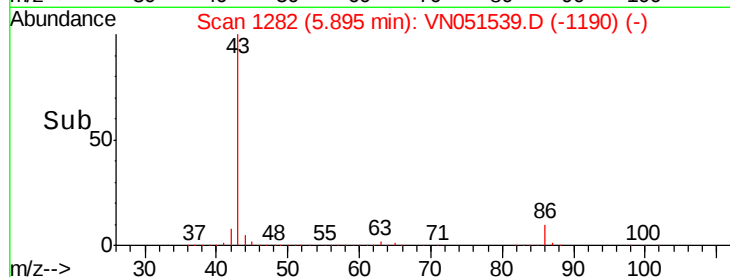
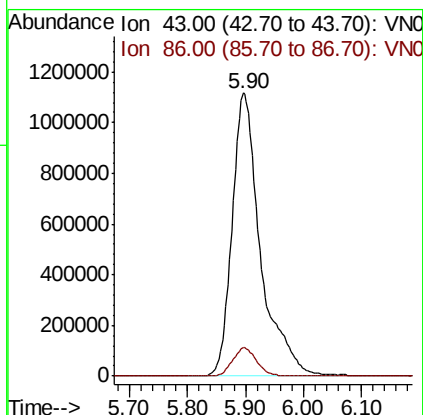
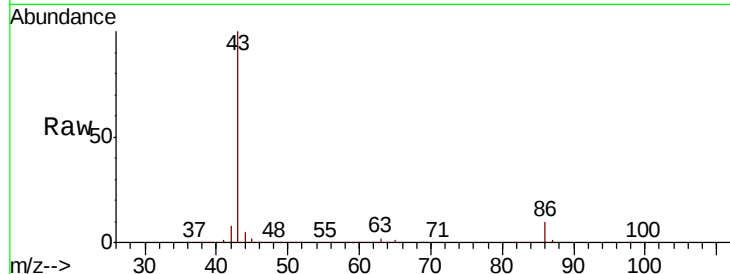




#23
 Vinyl Acetate
 Concen: 286.314 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

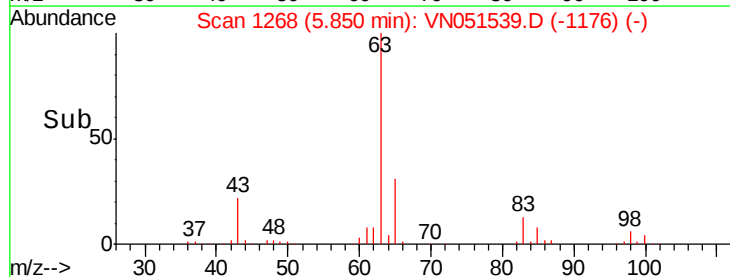
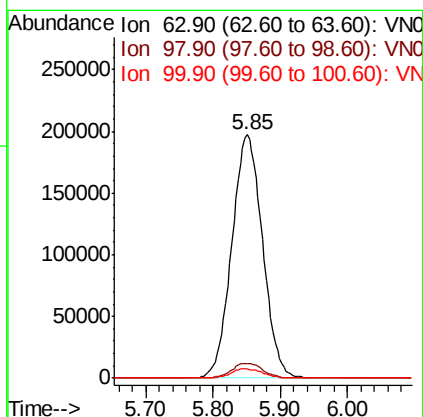
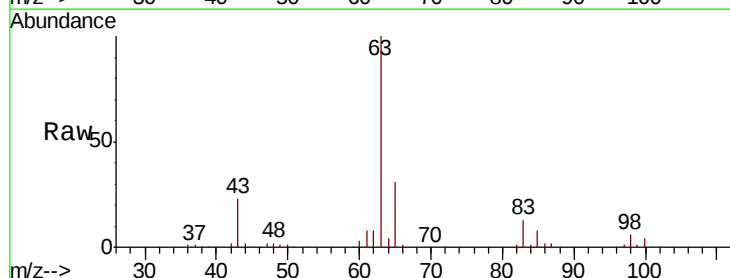
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

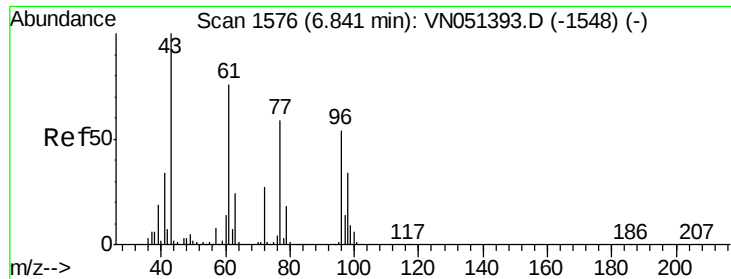
Tot Ion: 43 Resp: 3812656
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 51.629 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Tgt Ion: 63 Resp: 624820
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 3.6 2.2 6.6

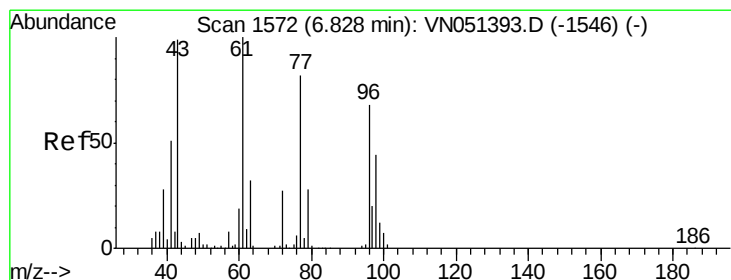
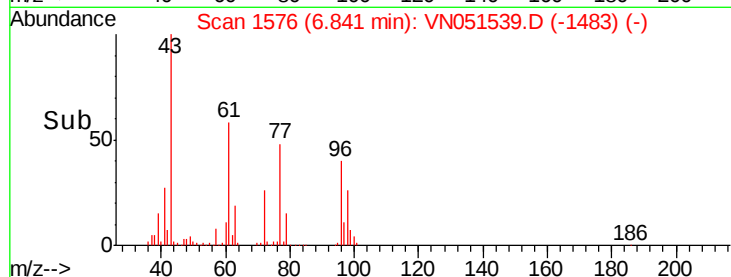
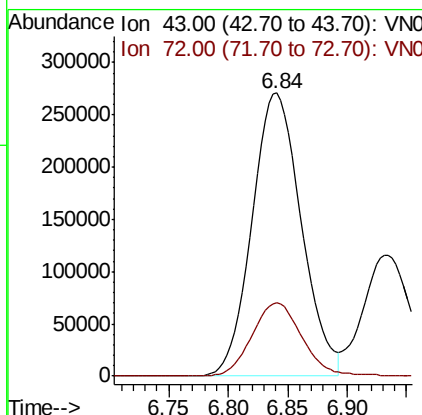
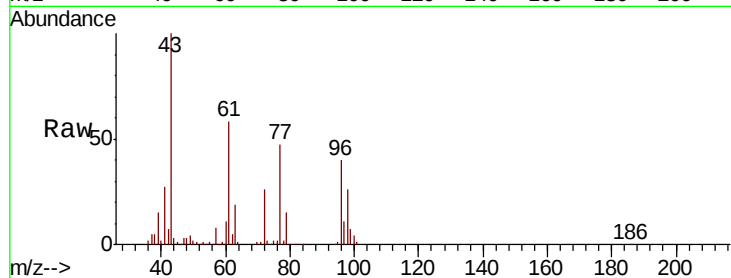




#25
 2-Butanone
 Concen: 321.925 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

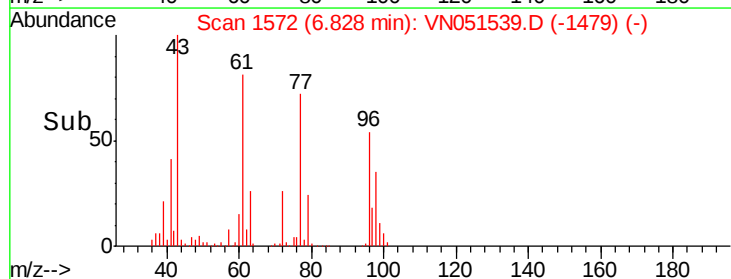
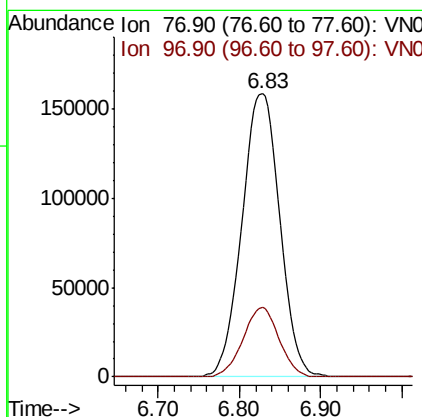
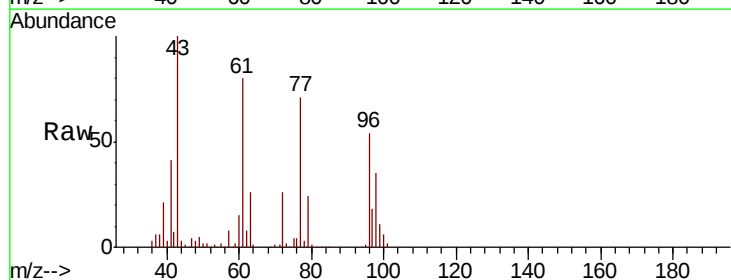
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

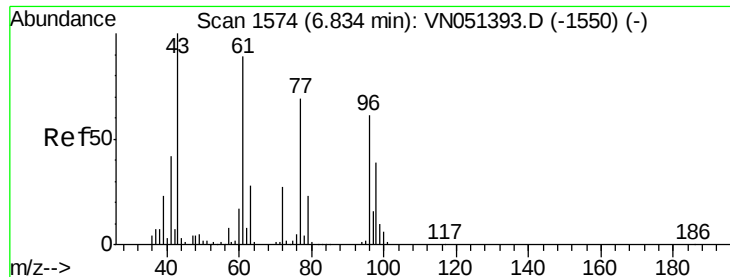
Tot Ion: 43 Resp: 775887
 Ion Ratio Lower Upper
 43 100
 72 26.0 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 53.932 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Tgt Ion: 77 Resp: 509487
 Ion Ratio Lower Upper
 77 100
 97 23.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 50.266 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

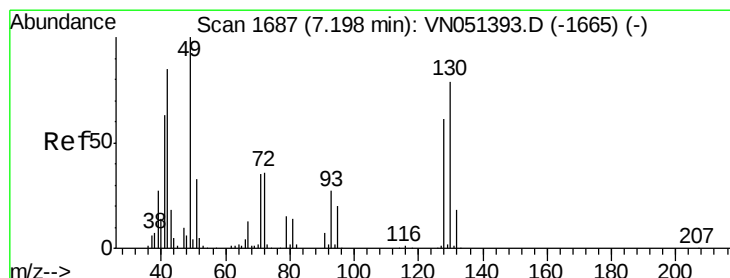
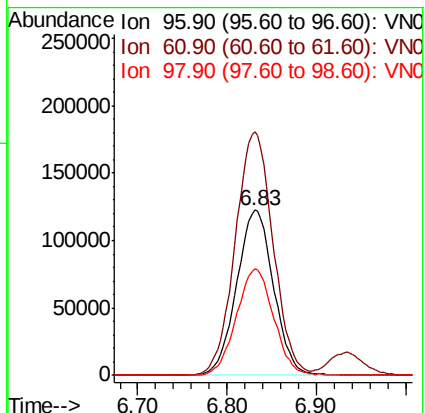
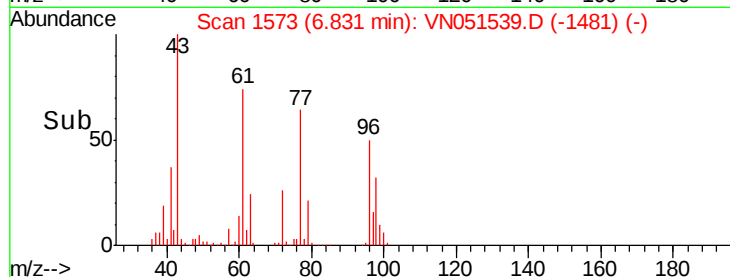
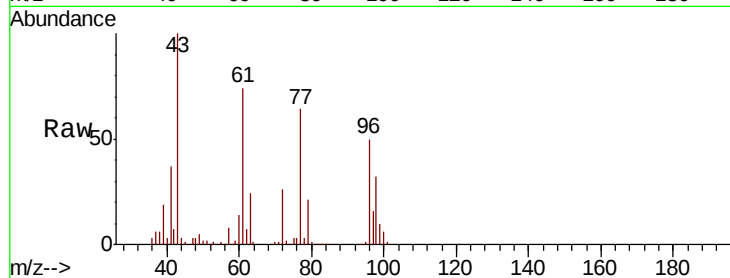
Tot Ion: 96 Resp: 352878

Ion Ratio Lower Upper

96 100

61 150.3 0.0 291.4

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 57.075 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

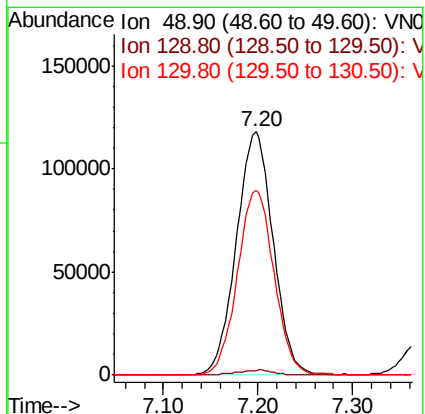
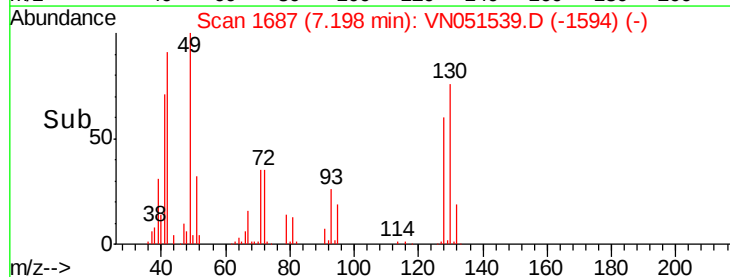
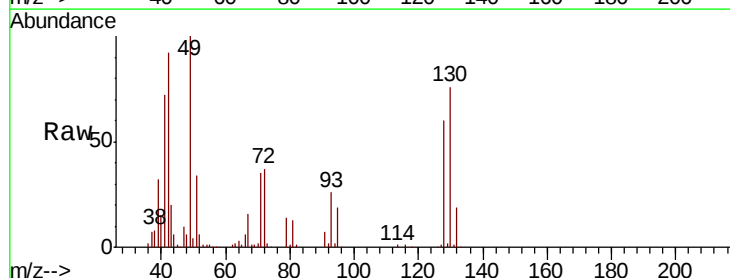
Tgt Ion: 49 Resp: 318976

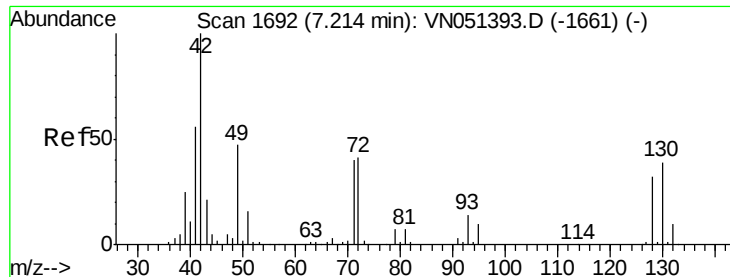
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 75.7 63.0 94.4

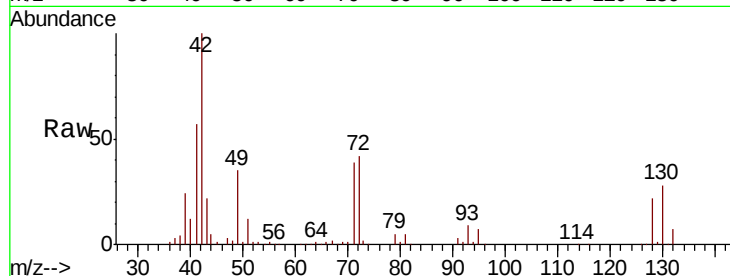




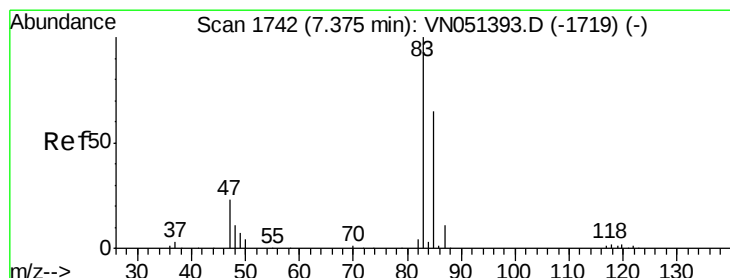
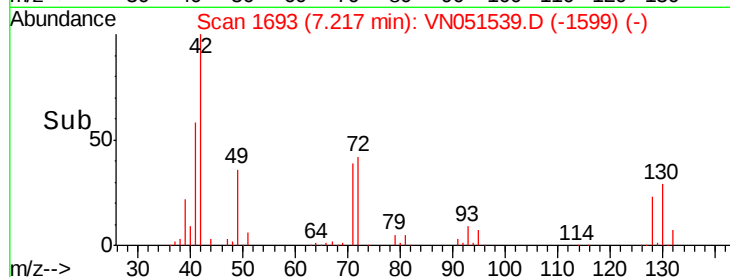
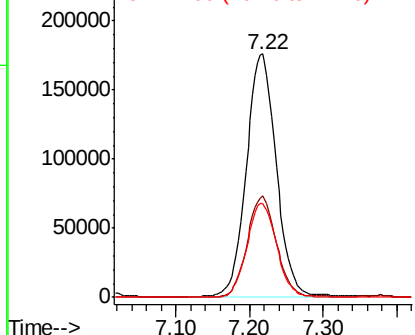
#29
Tetrahydrofuran
Concen: 326.192 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 498206
Ion Ratio Lower Upper
42 100
72 40.7 34.3 51.5
71 38.6 32.2 48.4

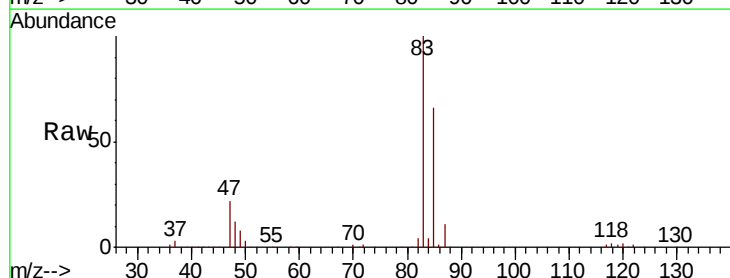


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

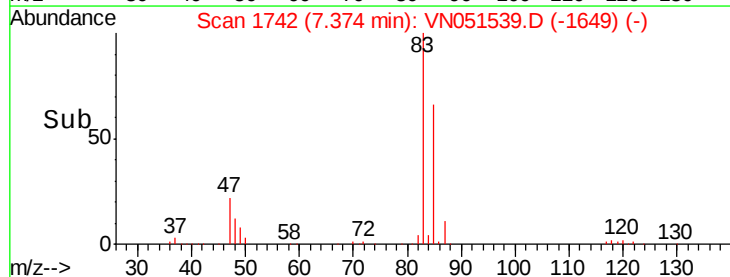
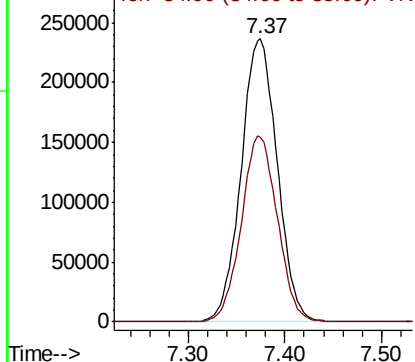


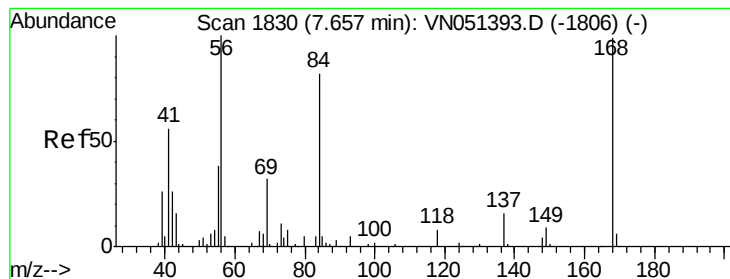
#30
Chloroform
Concen: 51.224 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 83 Resp: 614263
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.861 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

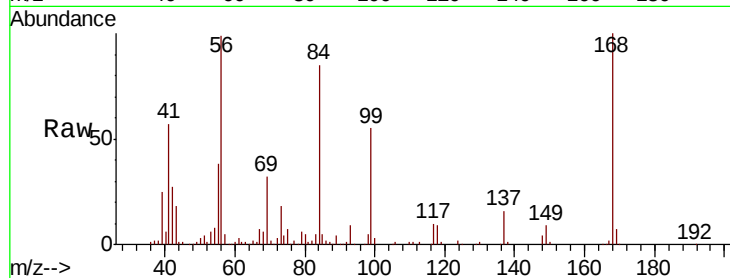
Tot Ion: 56 Resp: 519594

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.6

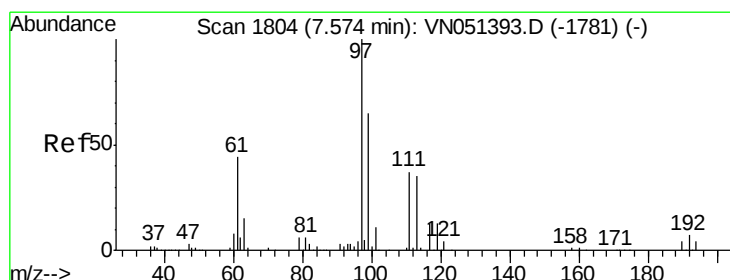
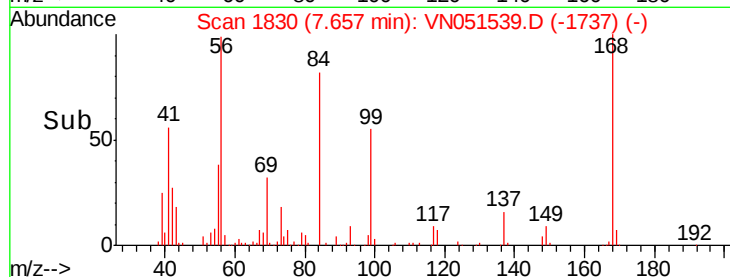
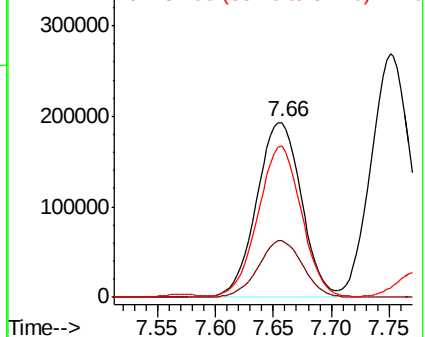
84 84.8 66.0 99.0



Abundance Ion 56.00 (55.70 to 56.70): VN051539.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN051539.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN051539.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 50.509 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

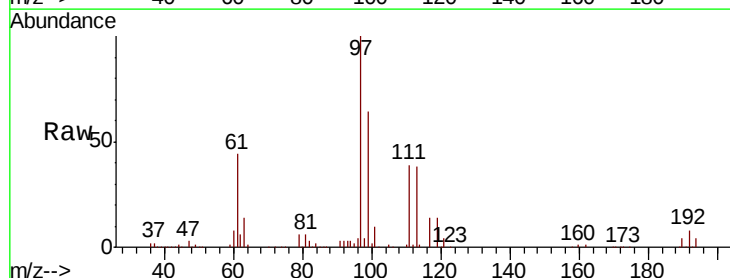
Tgt Ion: 97 Resp: 517796

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

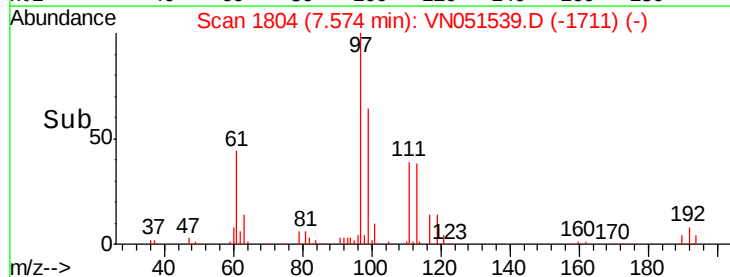
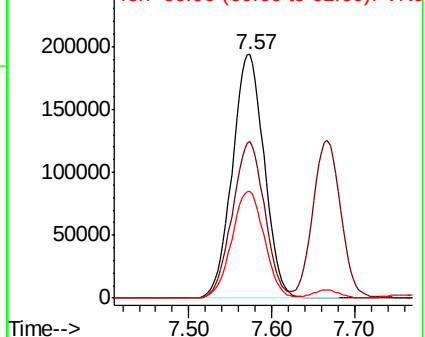
61 44.7 35.8 53.8

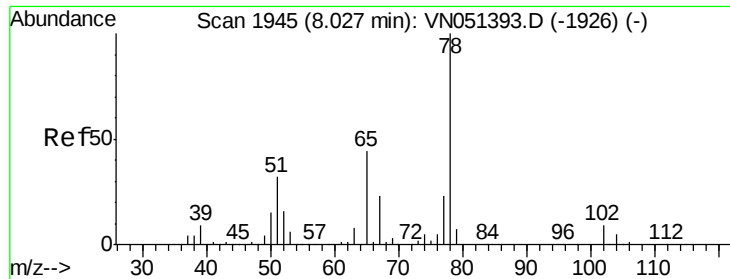


Abundance Ion 96.90 (96.60 to 97.60): VN051539.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN051539.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN051539.D (-1781) (-)

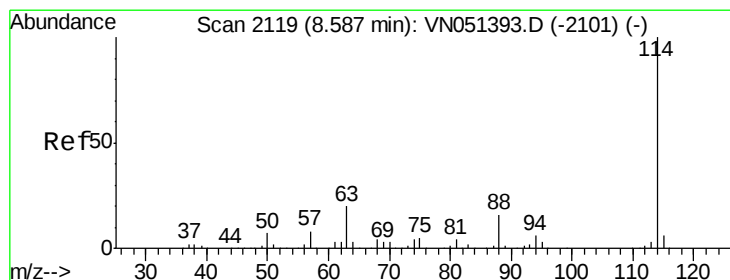
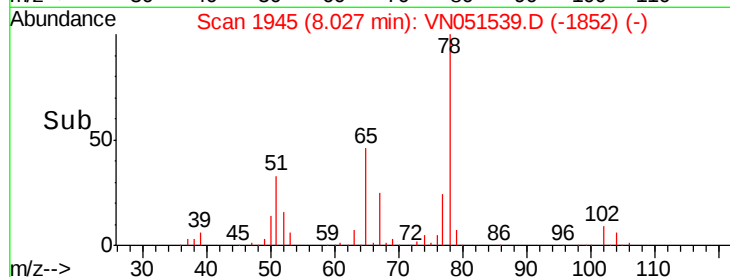
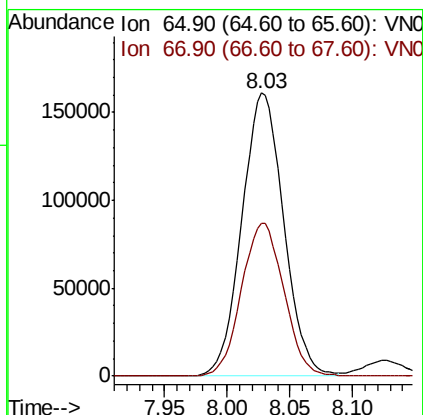
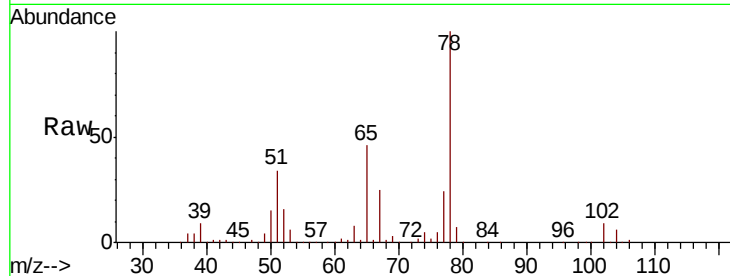




#33
 1,2-Dichloroethane-d4
 Concen: 53.155 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

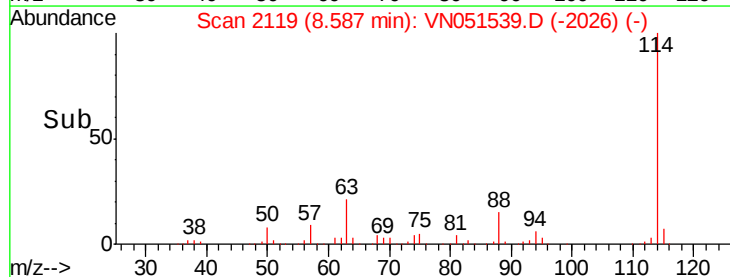
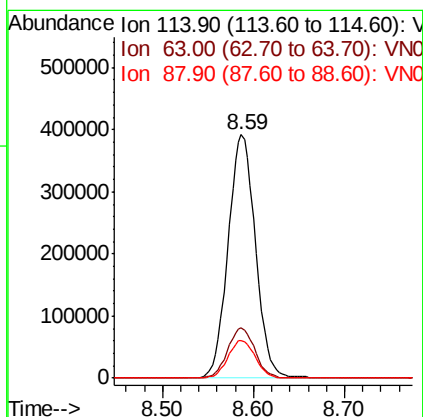
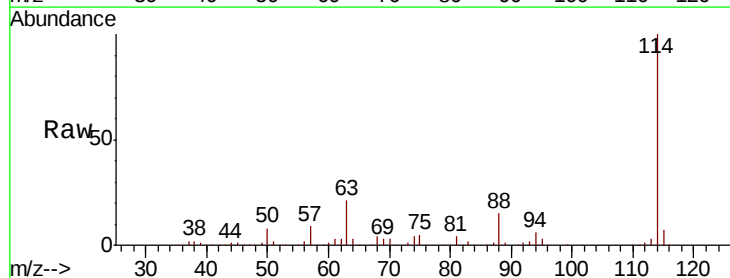
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

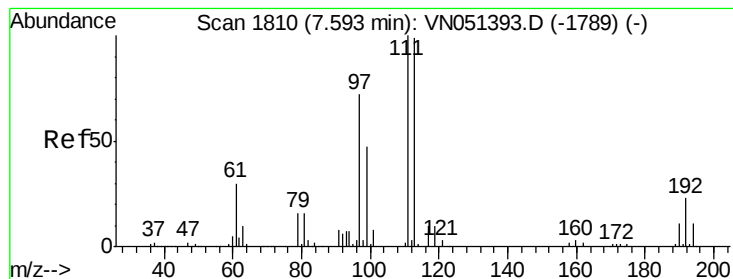
Tot Ion: 65 Resp: 374294
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Tgt Ion: 114 Resp: 818133
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.2
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.112 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

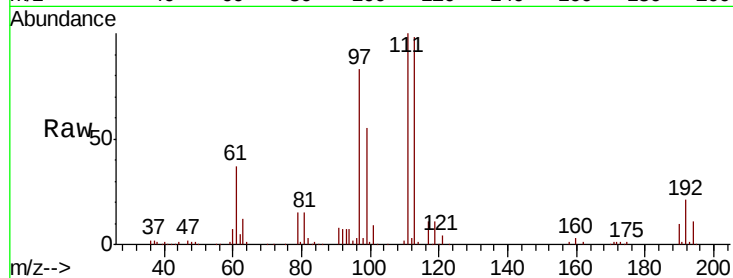
Tot Ion:113 Resp: 334390

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

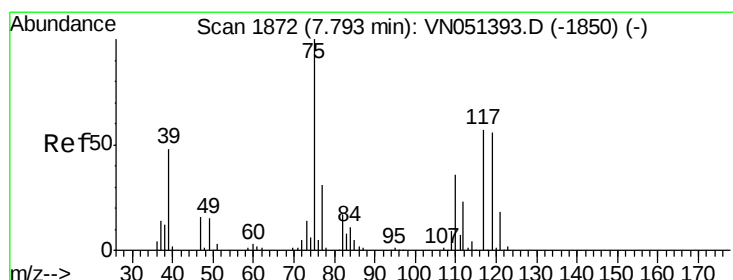
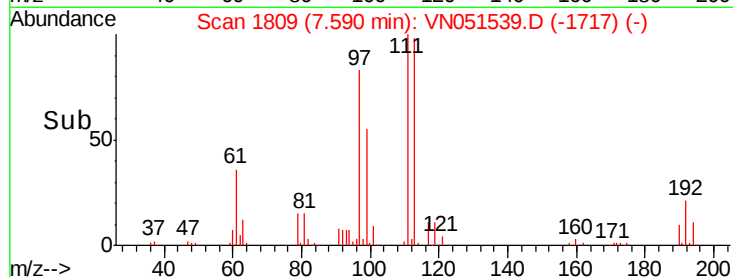
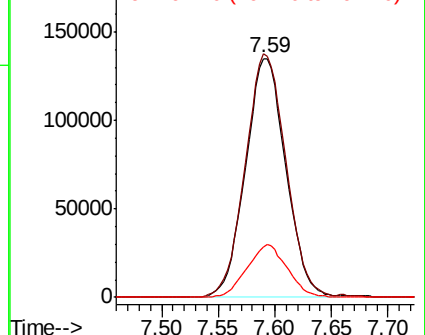
192 22.1 18.0 27.0



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: 47.030 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

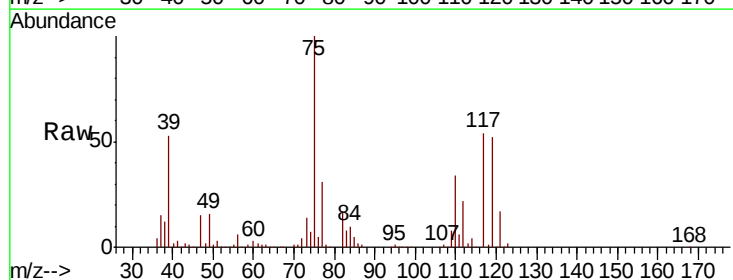
Tgt Ion: 75 Resp: 445569

Ion Ratio Lower Upper

75 100

110 34.8 18.1 54.3

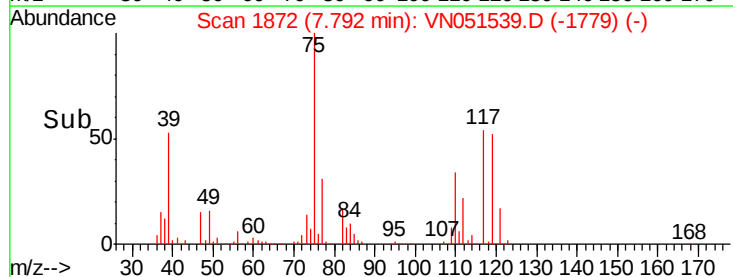
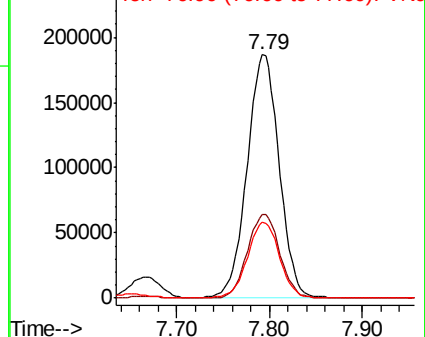
77 31.5 25.6 38.4

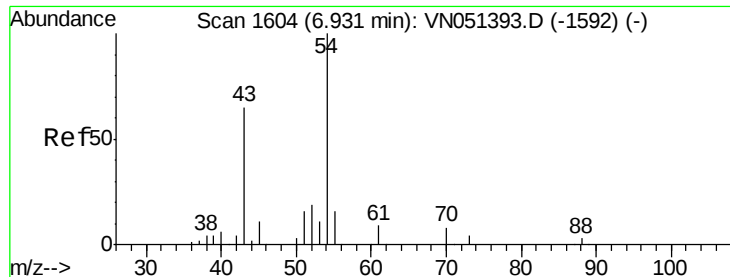


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

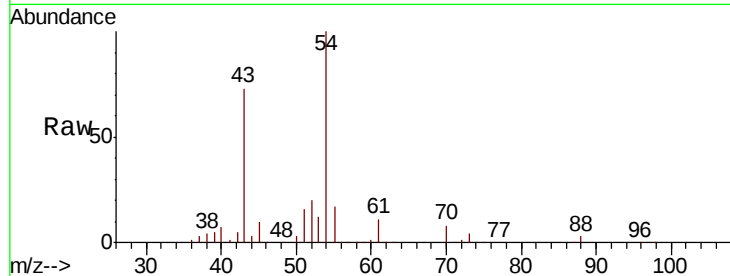




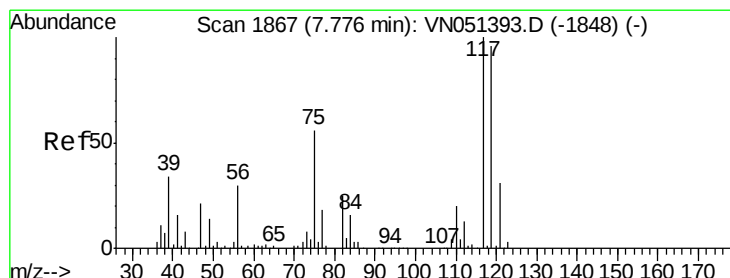
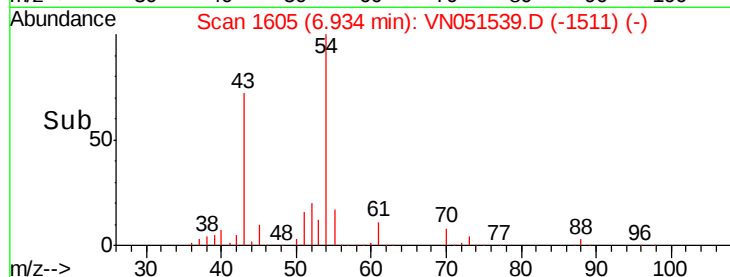
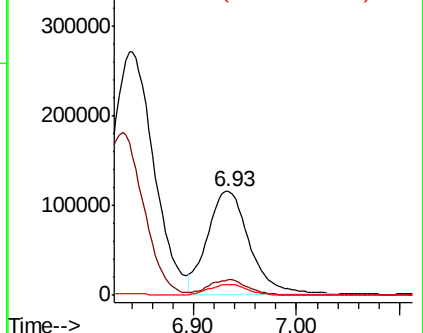
#37
Ethyl Acetate
Concen: 59.367 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 323392
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 9.7 7.9 11.9

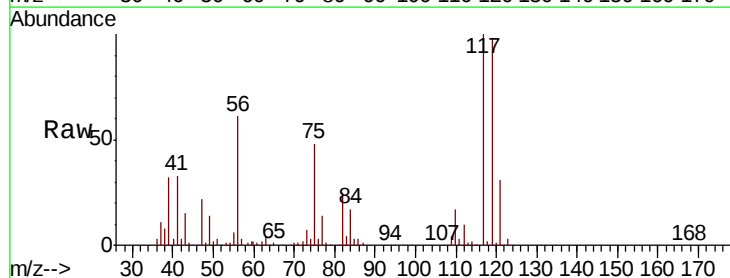


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

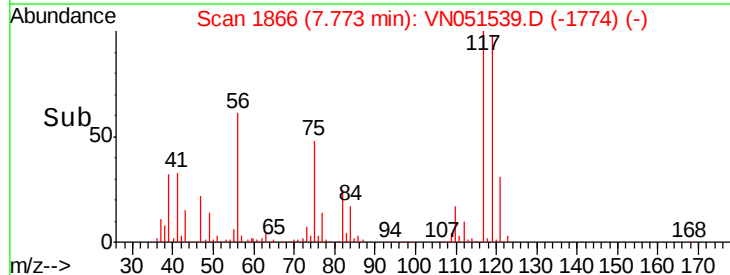
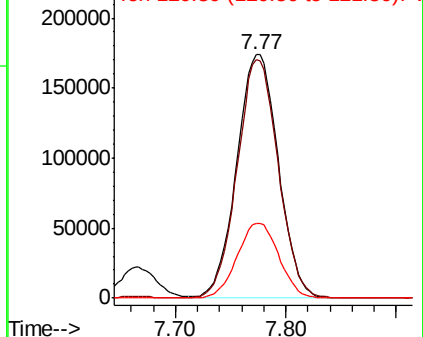


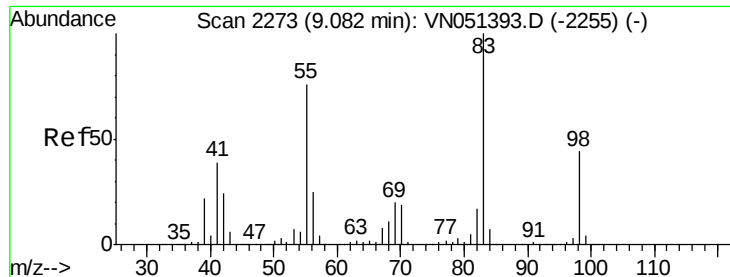
#38
Carbon Tetrachloride
Concen: 45.641 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 117 Resp: 452278
Ion Ratio Lower Upper
117 100
119 98.2 76.9 115.3
121 30.9 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

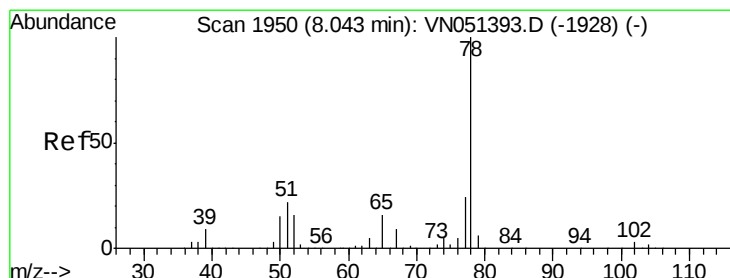
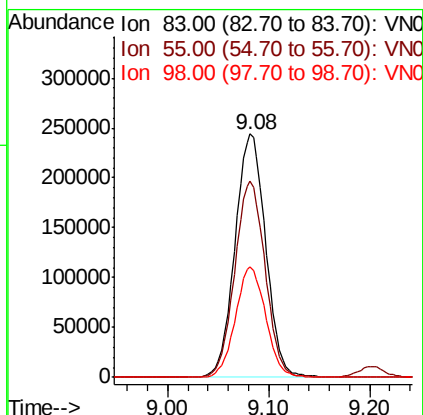
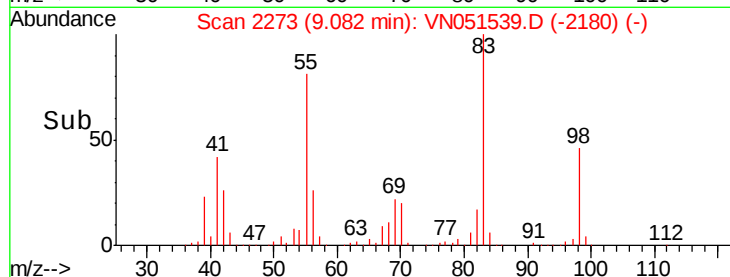
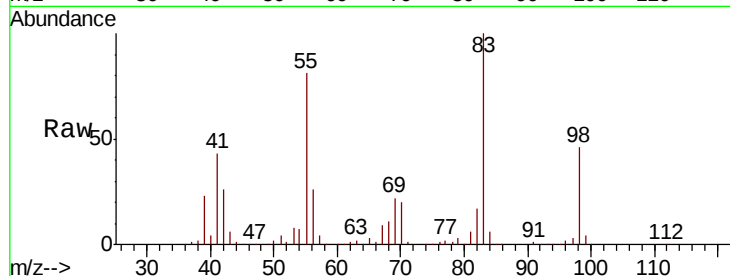




#39
Methvlcvclohexane
Concen: 46.355 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

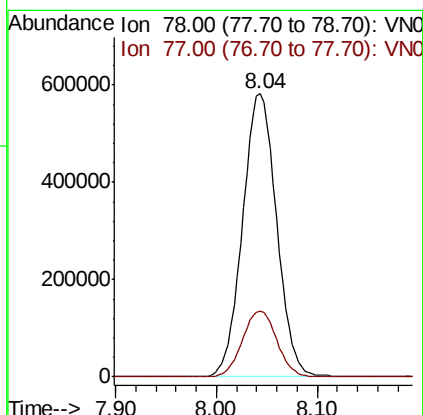
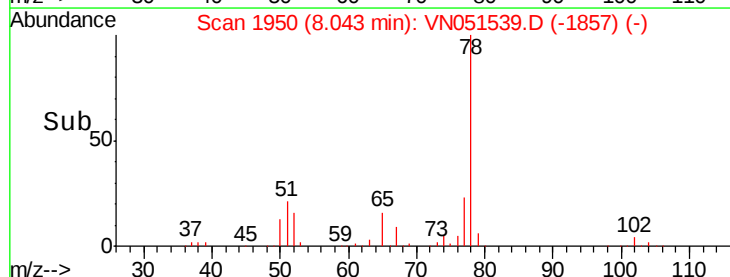
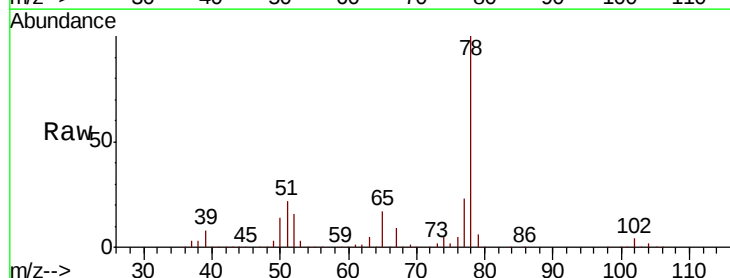
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

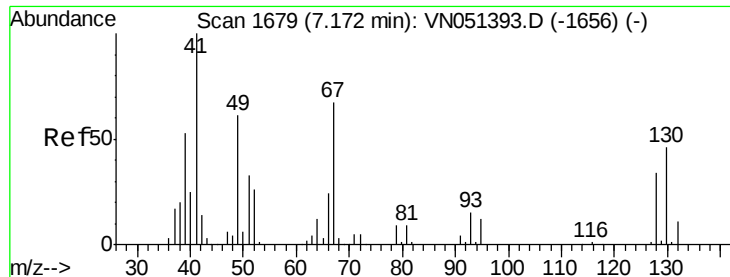
Tot Ion: 83 Resp: 513394
Ion Ratio Lower Upper
83 100
55 80.7 61.0 91.4
98 45.6 35.6 53.4



#40
Benzene
Concen: 48.847 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 78 Resp: 1358839
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8

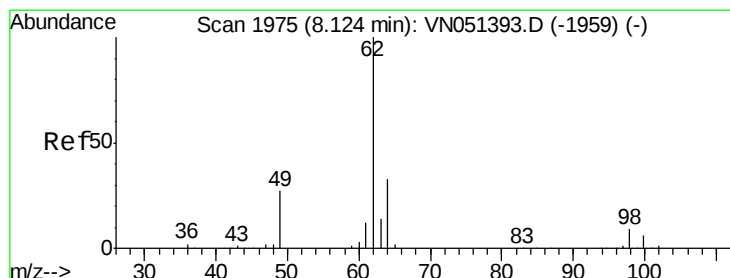
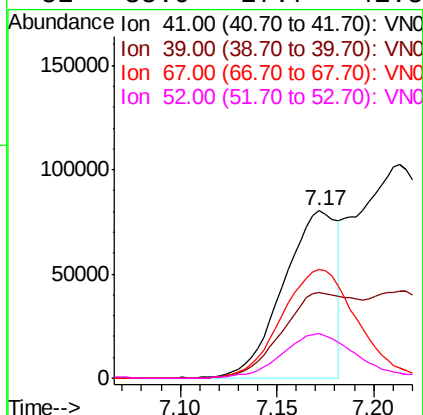
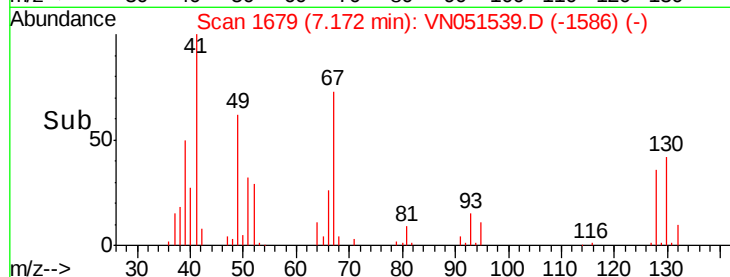
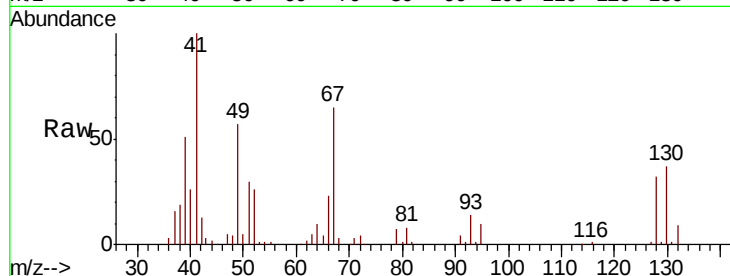




#41
Methacrylonitrile
Concen: 51.773 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

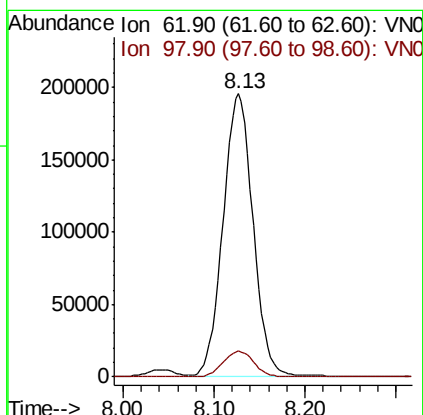
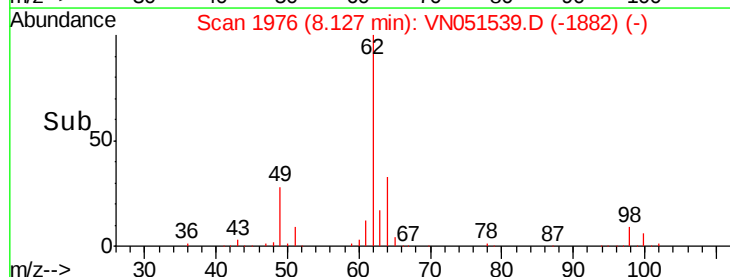
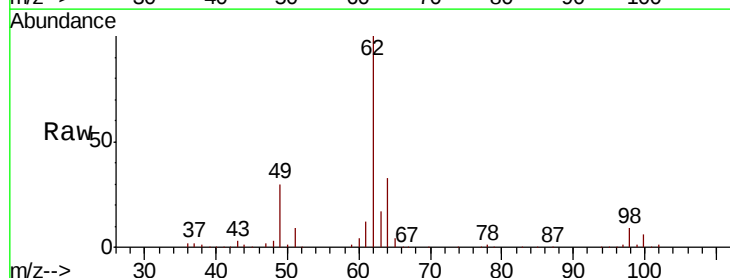
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

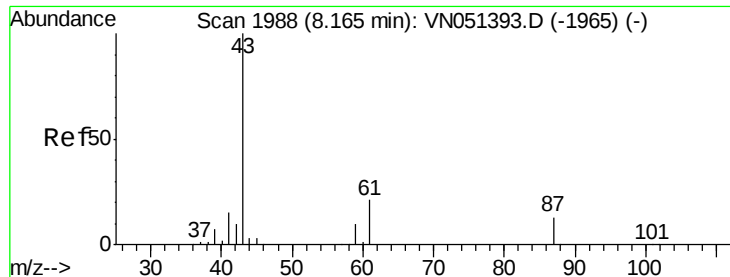
Tot Ion:	41	Resp:	156027
Ion	Ratio	Lower	Upper
41	100		
39	71.3	51.4	77.2
67	91.2	66.8	100.2
52	35.9	27.7	41.5



#42
1,2-Dichloroethane
Concen: 50.229 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion:	62	Resp:	447415
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 60.039 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

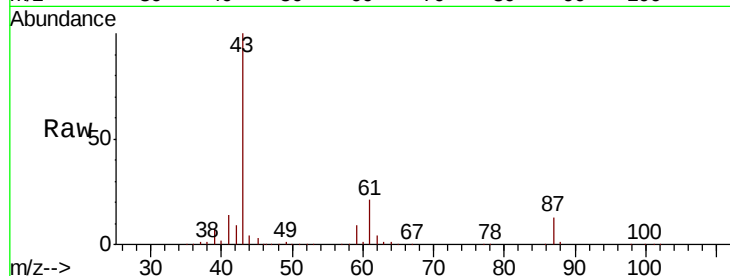
Tot Ion: 43 Resp: 591393

Ion Ratio Lower Upper

43 100

61 28.0 16.8 25.2#

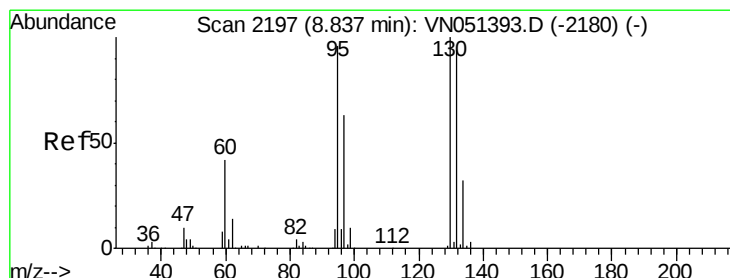
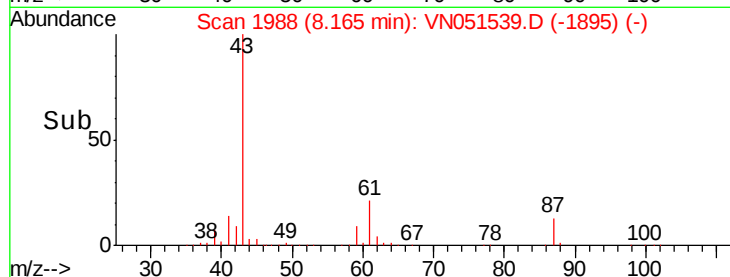
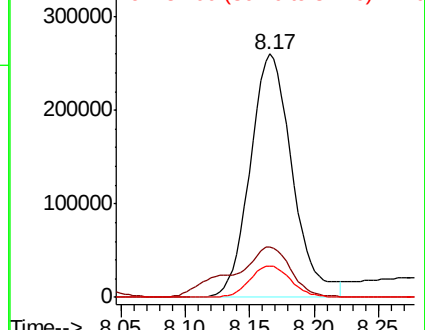
87 12.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#44

Trichloroethene

Concen: 47.597 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051539.D

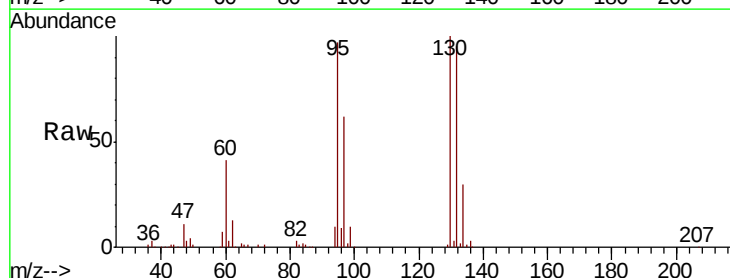
Acq: 26 Sep 2018 16:59

Tgt Ion:130 Resp: 351684

Ion Ratio Lower Upper

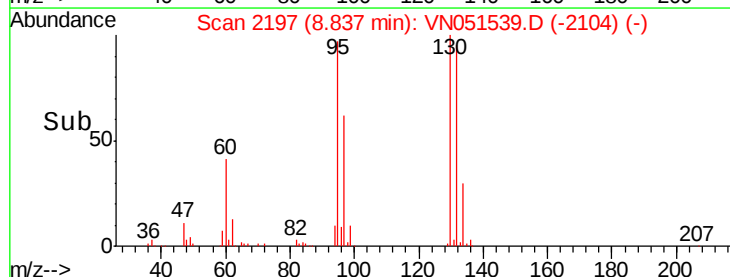
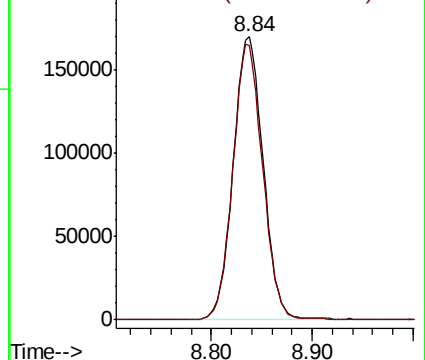
130 100

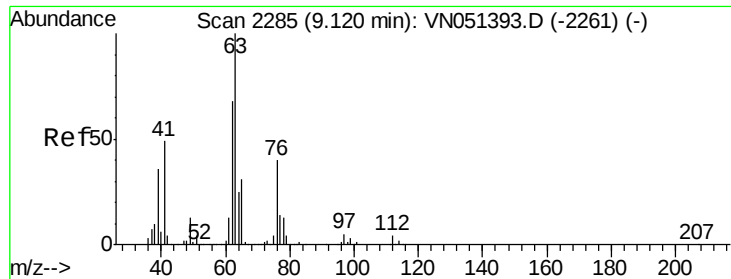
95 97.1 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051393.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 51.106 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

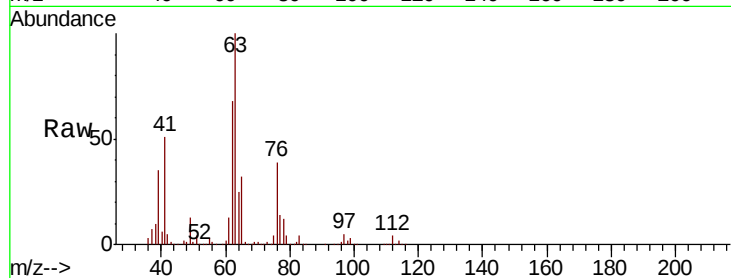
VSTDCCC050

Tot Ion: 63 Resp: 386456

Ion Ratio Lower Upper

63 100

65 31.8 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.12

200000

150000

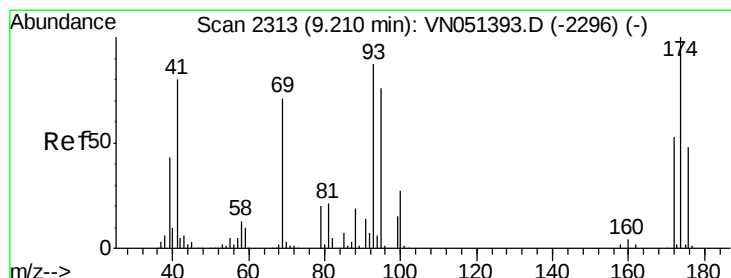
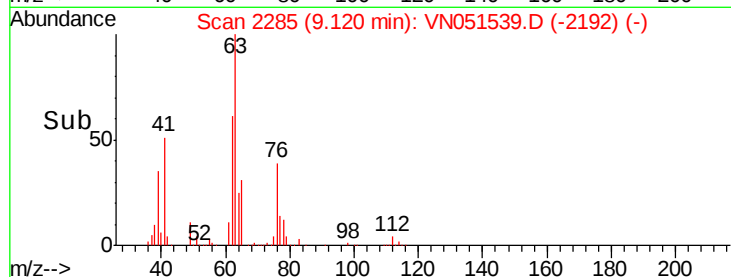
100000

50000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 51.782 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

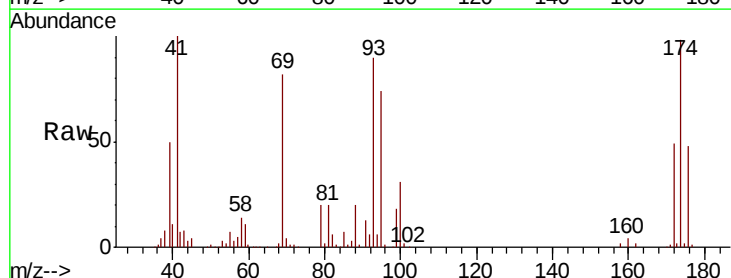
Tgt Ion: 93 Resp: 221242

Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

174 107.5 89.6 134.4



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

9.21

150000

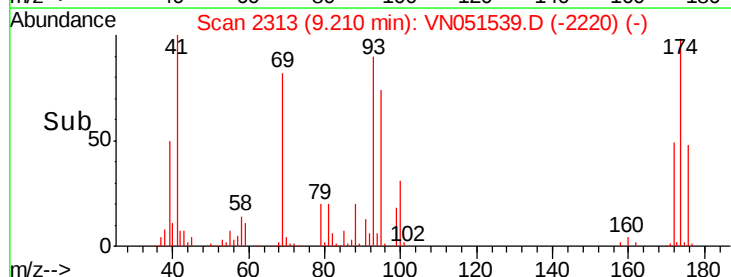
100000

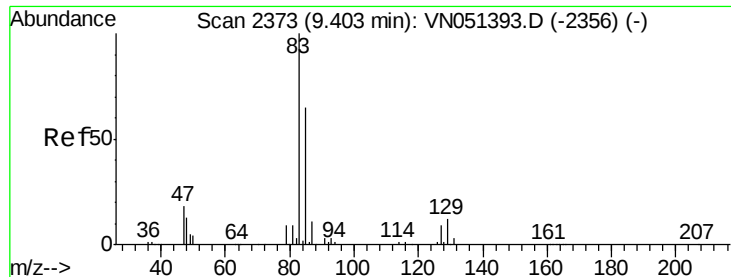
50000

0

9.10 9.20 9.30

Time-->





#47

Bromodichloromethane

Concen: 50.862 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

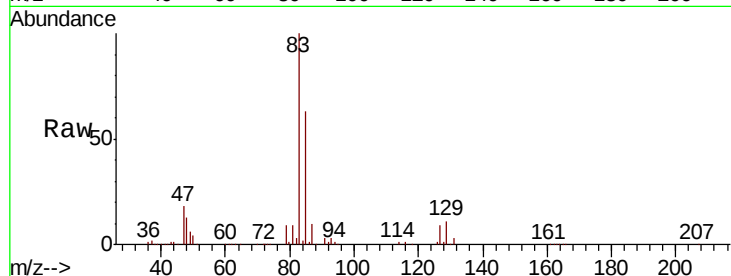
Tot Ion: 83 Resp: 480911

Ion Ratio Lower Upper

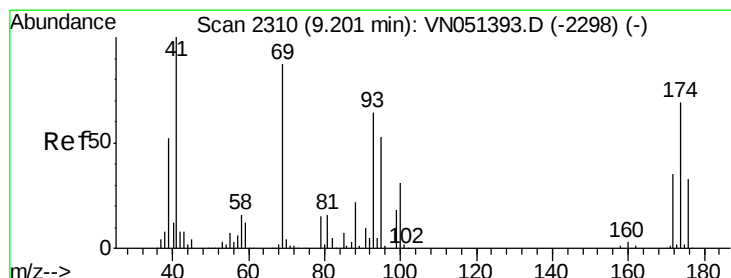
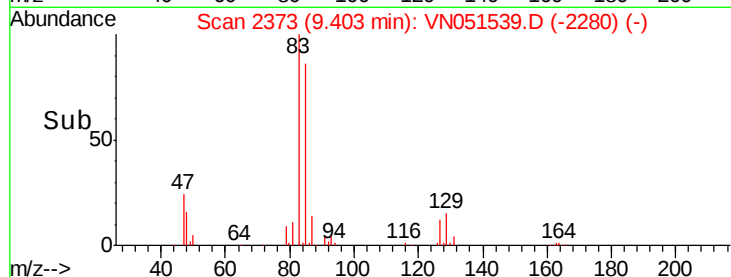
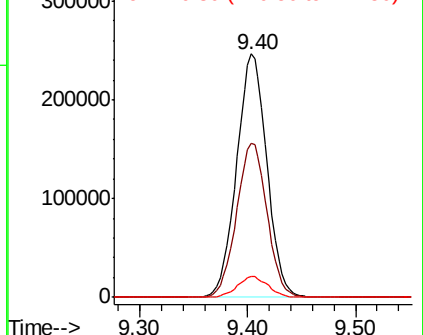
83 100

85 63.3 51.8 77.6

127 8.8 7.4 11.2



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): V



#48

Methyl methacrylate

Concen: 58.771 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

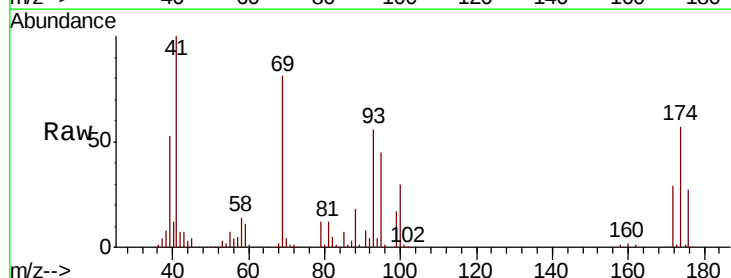
Tgt Ion: 41 Resp: 288620

Ion Ratio Lower Upper

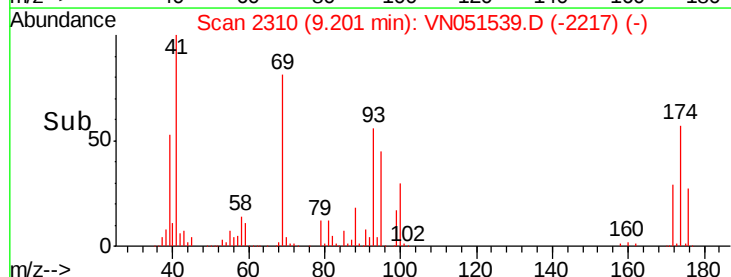
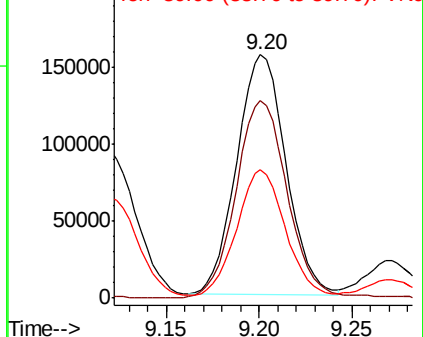
41 100

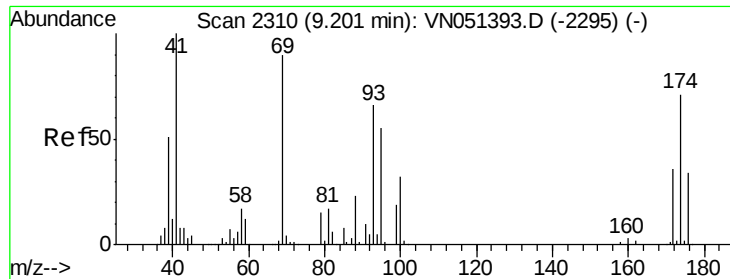
69 85.8 70.4 105.6

39 52.8 43.8 65.8



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: 1008.151 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

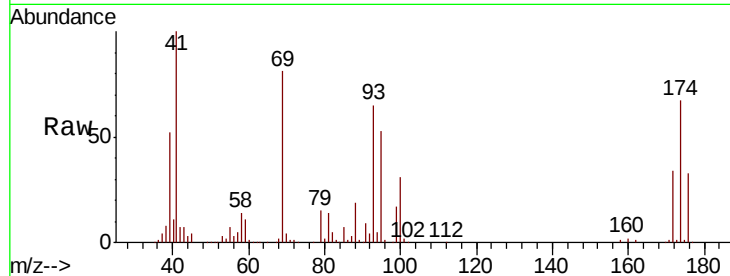
Tot Ion: 88 Resp: 60677

Ion Ratio Lower Upper

88 100

43 36.6 25.9 38.9

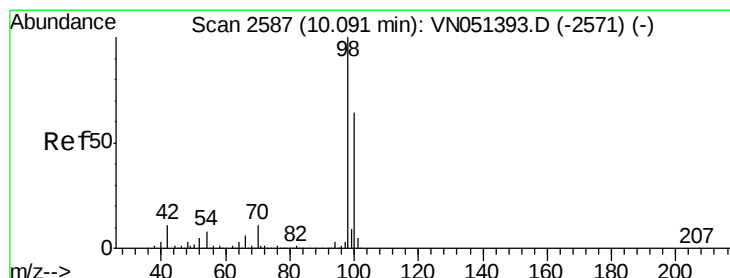
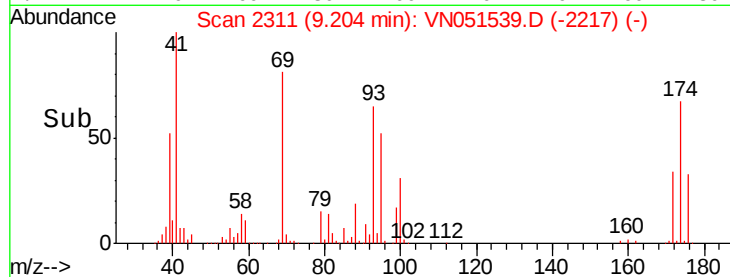
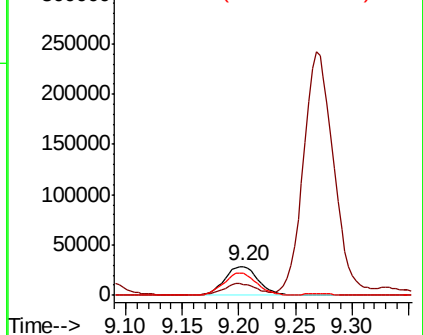
58 75.4 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.509 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051539.D

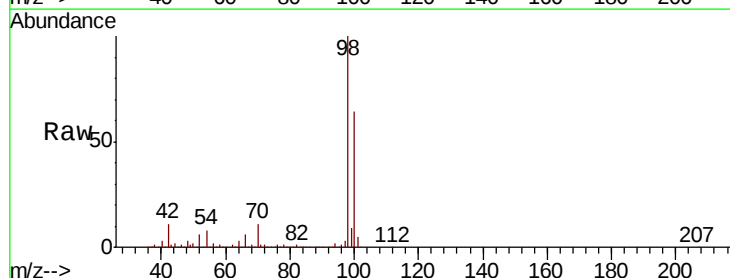
Acq: 26 Sep 2018 16:59

Tgt Ion: 98 Resp: 1244333

Ion Ratio Lower Upper

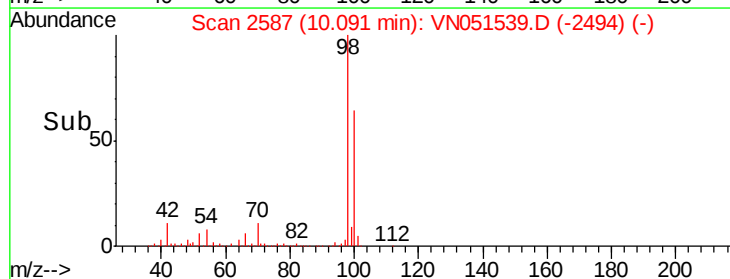
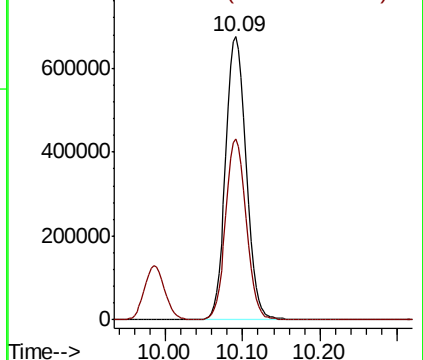
98 100

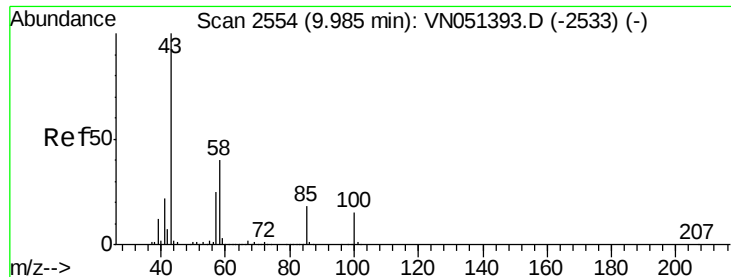
100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 308.094 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

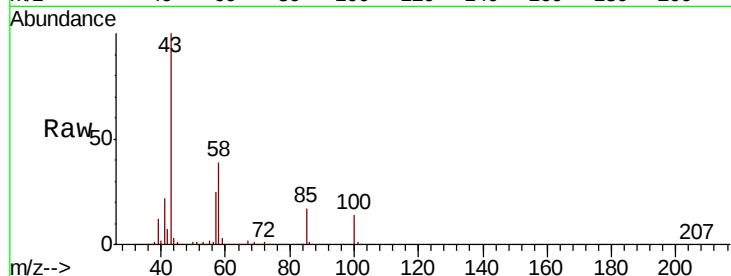
VSTDCCC050

Tot Ion: 43 Resp: 1669010

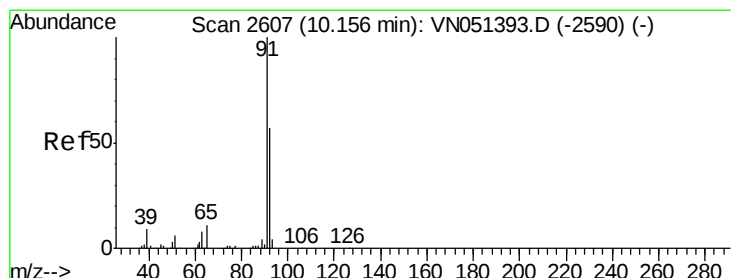
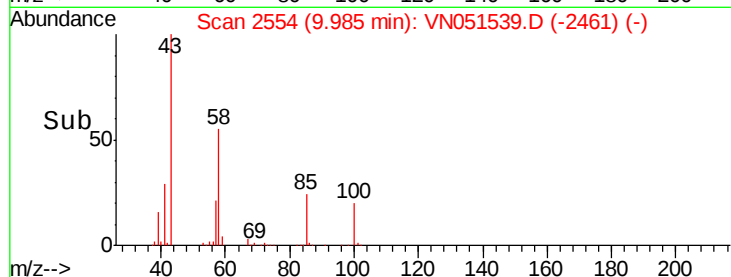
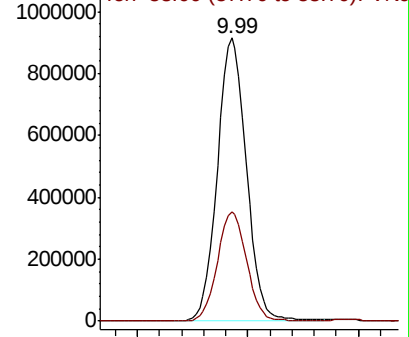
Ion Ratio Lower Upper

43 100

58 39.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN051539.D (-2533) (-)



#52

Toluene

Concen: 48.794 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051539.D

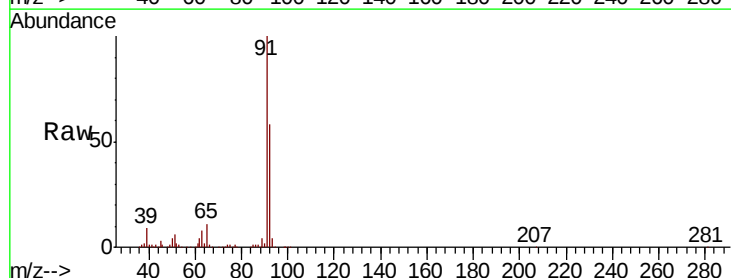
Acq: 26 Sep 2018 16:59

Tgt Ion: 92 Resp: 843543

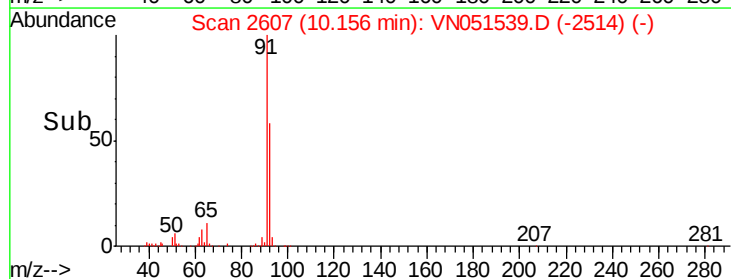
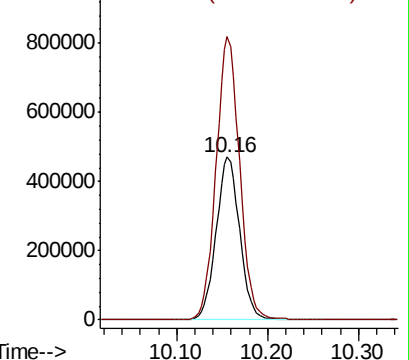
Ion Ratio Lower Upper

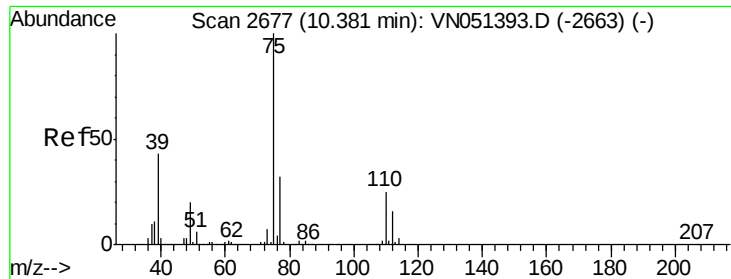
92 100

91 173.8 142.2 213.4



Abundance Ion 92.00 (91.70 to 92.70): VN051539.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 52.073 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

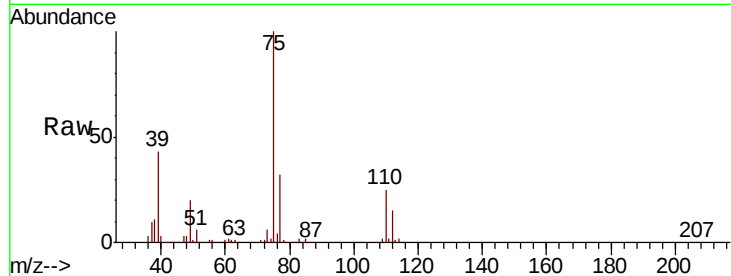
VSTDCCC050

Tot Ion: 75 Resp: 497074

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

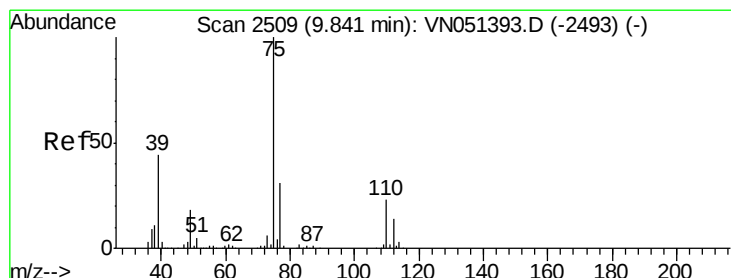
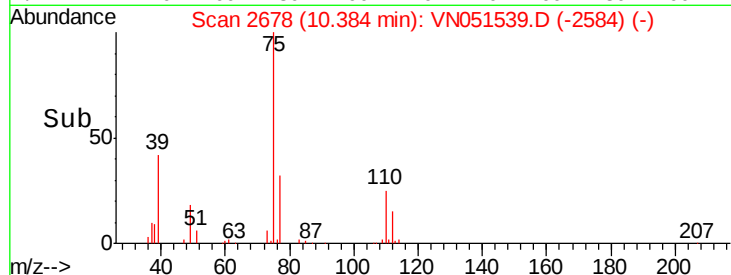
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.939 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

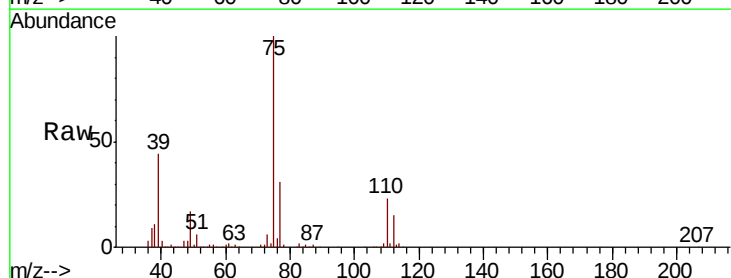
Tgt Ion: 75 Resp: 563896

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 44.4 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

400000

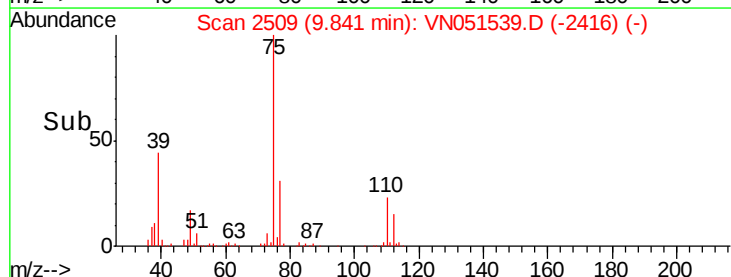
300000

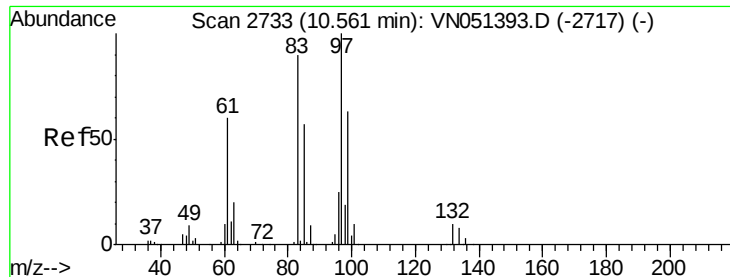
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 53.139 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 97 Resp: 324670

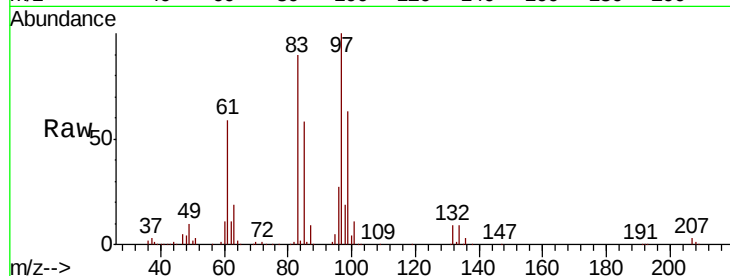
Ion Ratio Lower Upper

97 100

83 89.9 72.0 108.0

85 58.3 45.2 67.8

99 63.2 50.7 76.1

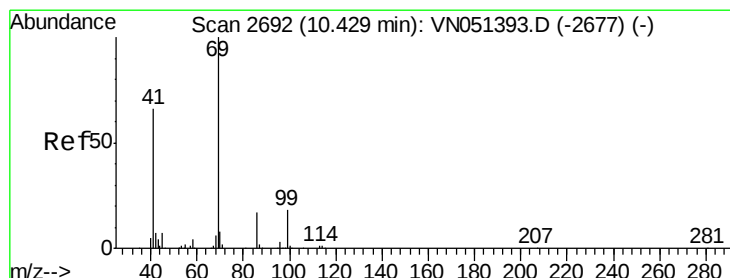
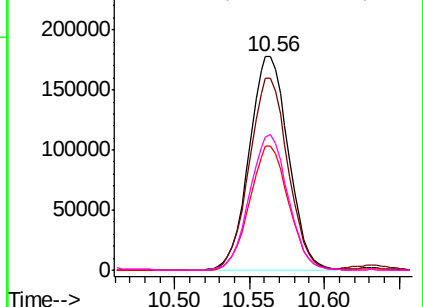
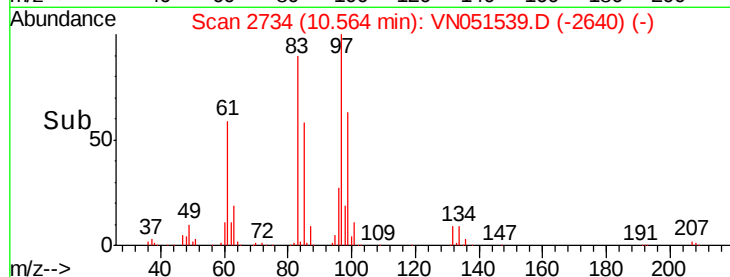


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 58.238 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

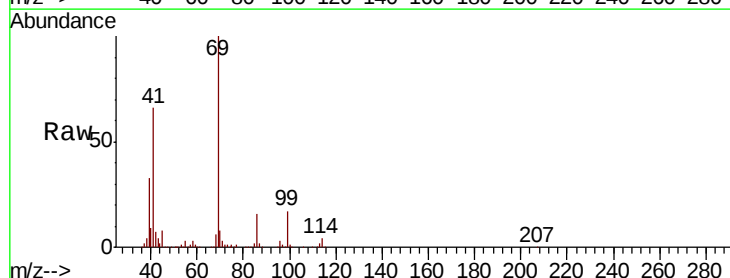
Tgt Ion: 69 Resp: 435041

Ion Ratio Lower Upper

69 100

41 65.7 52.4 78.6

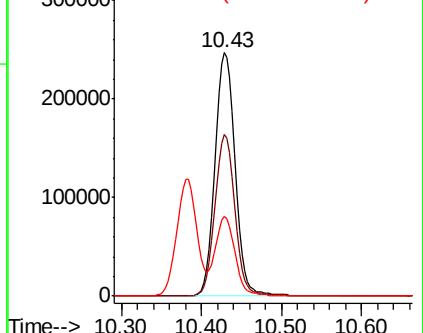
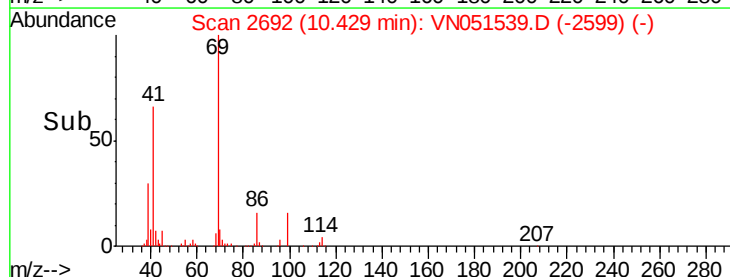
39 32.6 26.3 39.5

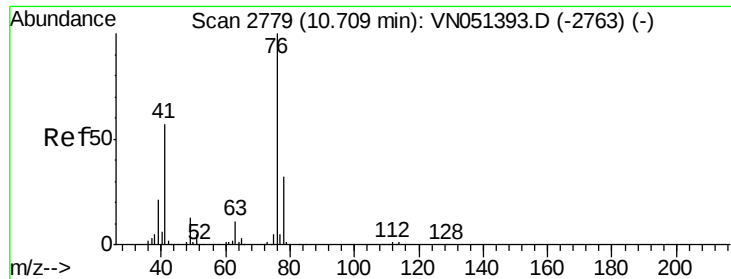


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.630 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

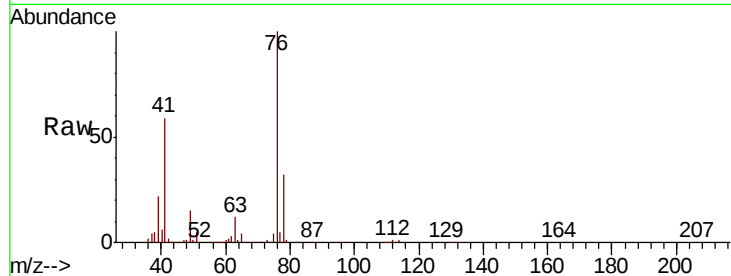
VSTDCCC050

Tot Ion: 76 Resp: 551149

Ion Ratio Lower Upper

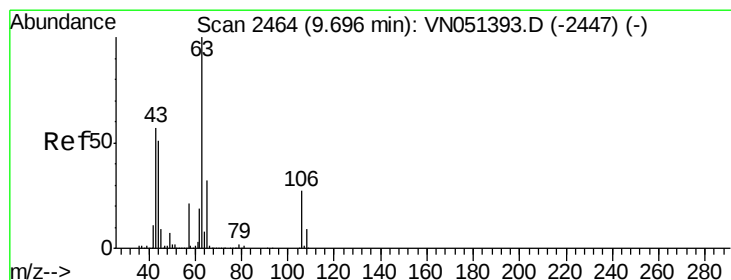
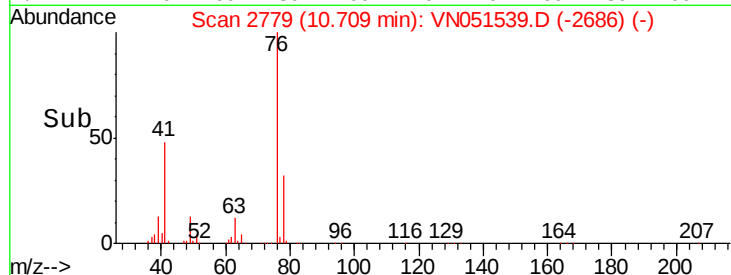
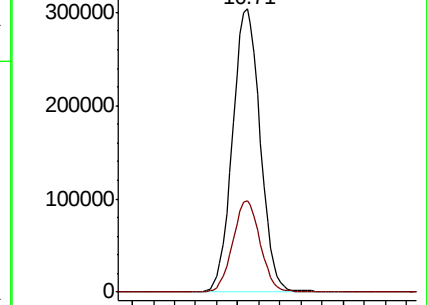
76 100

78 32.1 25.5 38.3



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: 265.659 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051539.D

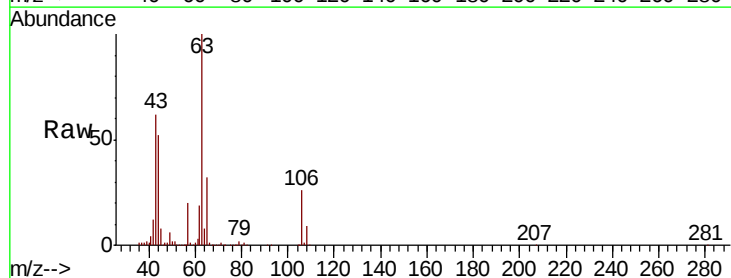
Acq: 26 Sep 2018 16:59

Tgt Ion: 63 Resp: 1079572

Ion Ratio Lower Upper

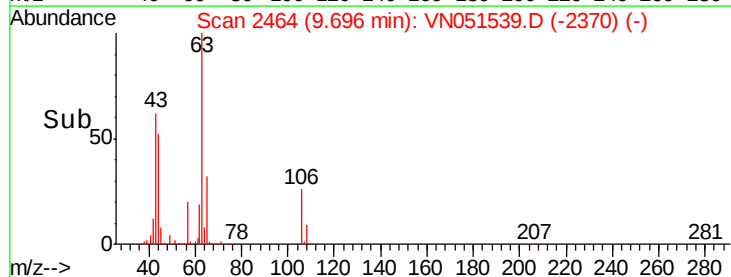
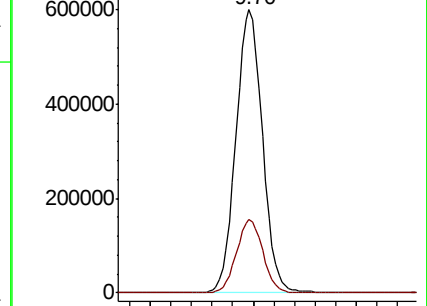
63 100

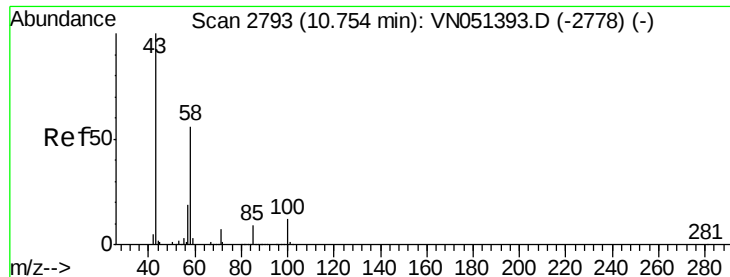
106 25.8 21.4 32.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

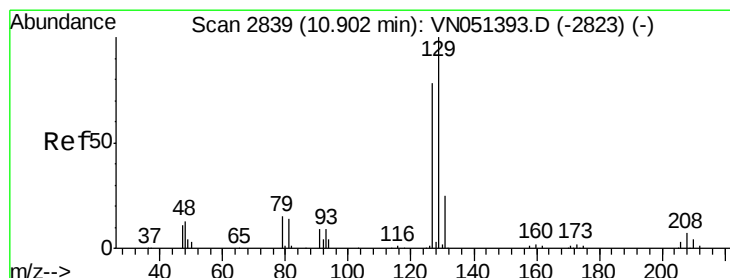
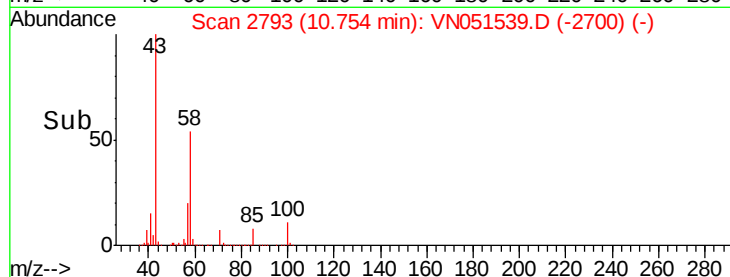
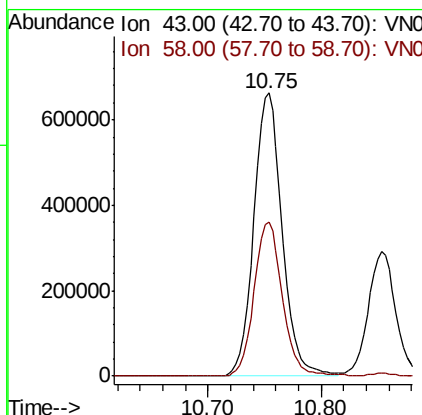
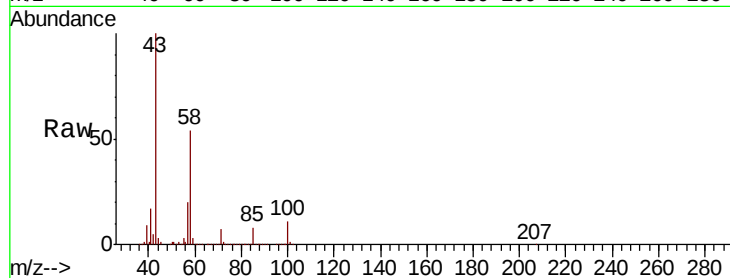




#59
2-Hexanone
Concen: 327.417 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

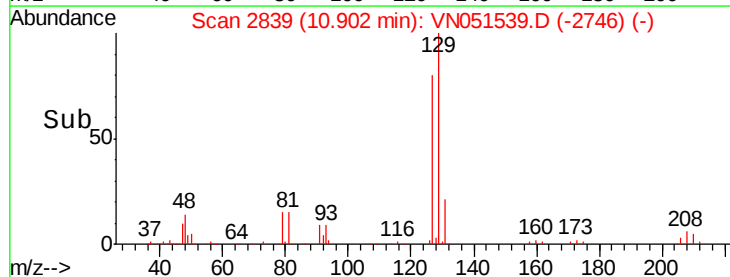
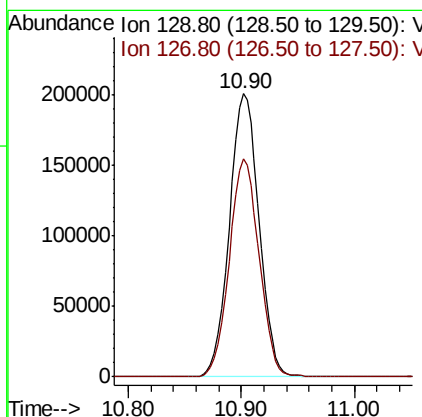
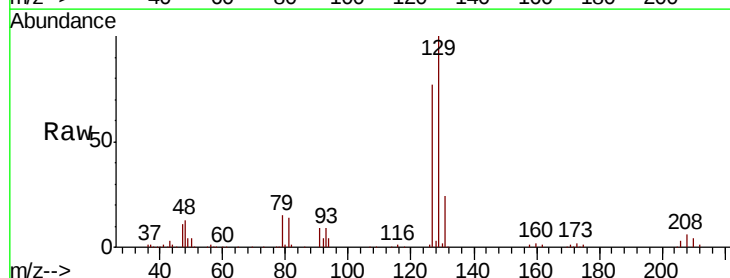
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

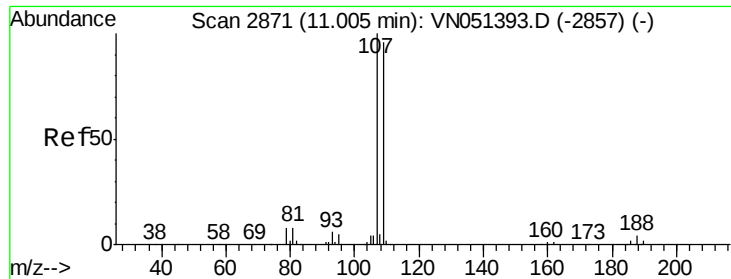
Tot Ion: 43 Resp: 1149817
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.0



#60
Dibromochloromethane
Concen: 50.743 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 129 Resp: 365798
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

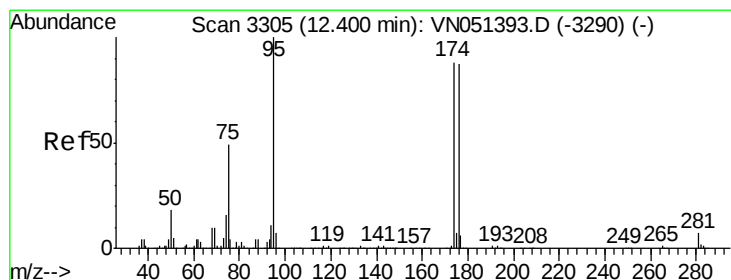
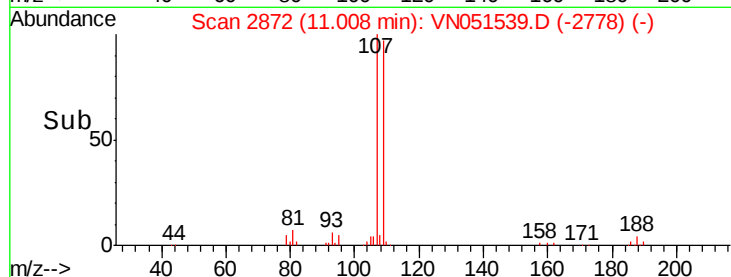
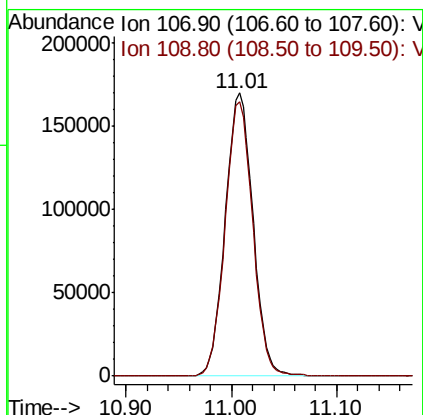
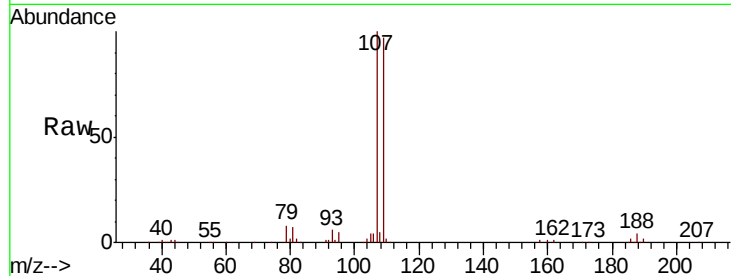




#61
 1,2-Dibromoethane
 Concen: 52.253 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

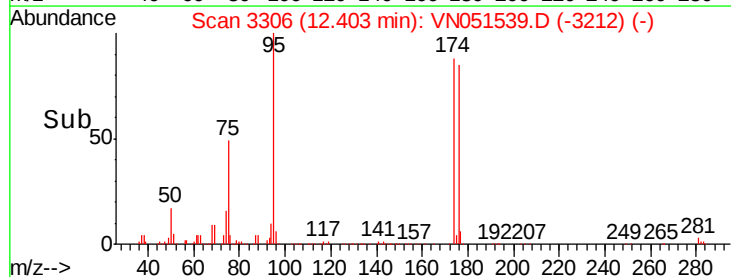
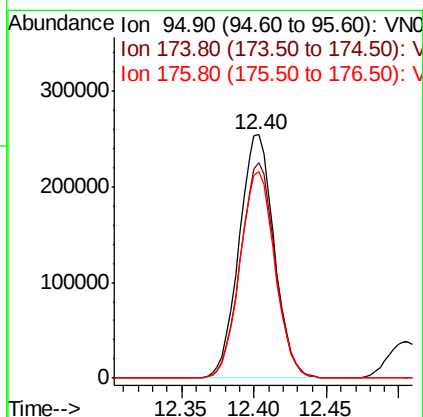
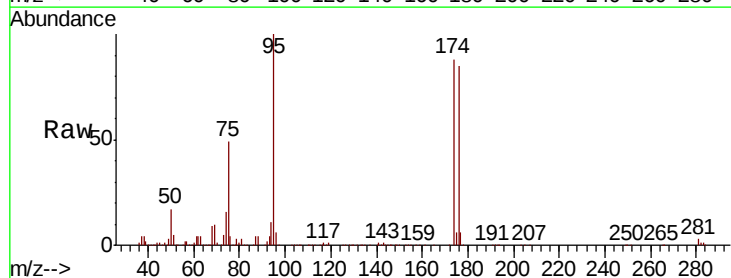
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

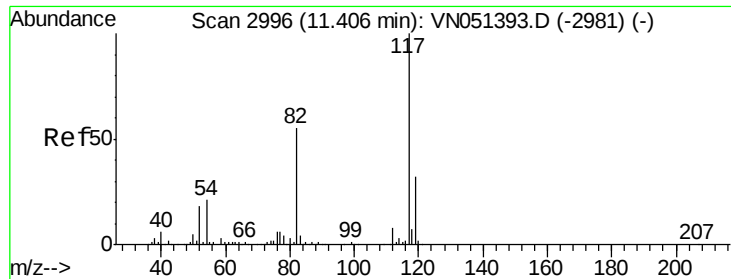
Tot Ion:107 Resp: 309923
 Ion Ratio Lower Upper
 107 100
 109 96.4 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 53.711 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Tgt Ion: 95 Resp: 428057
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 181.6
 176 84.5 0.0 176.4

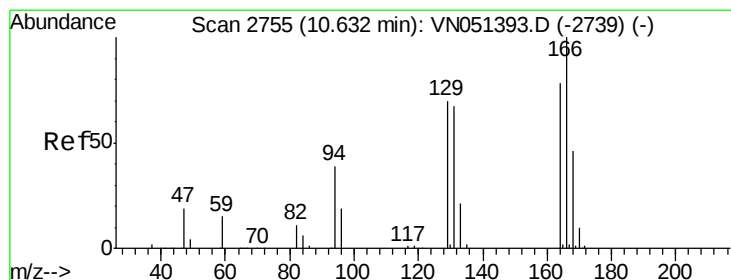
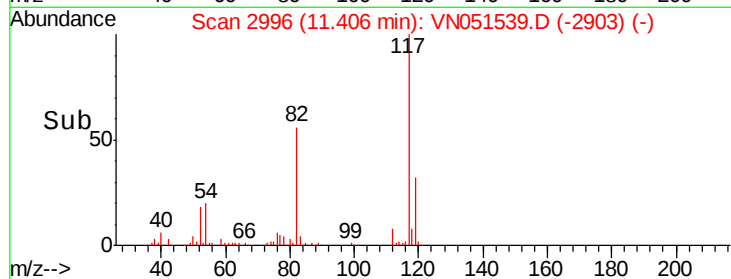
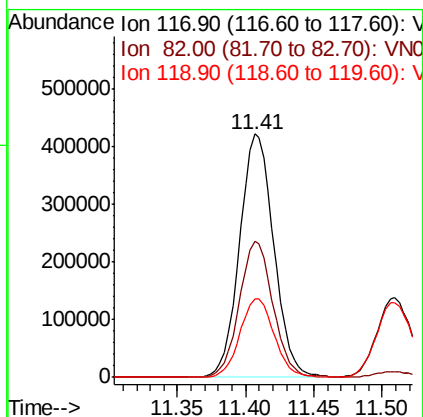
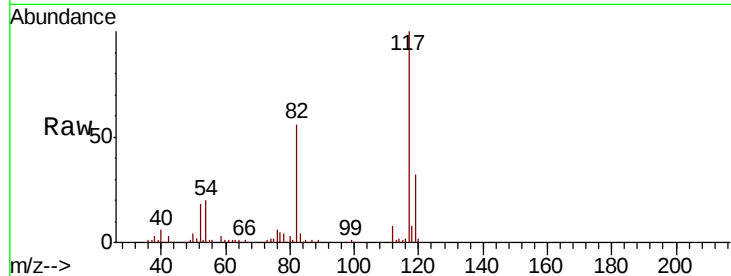




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

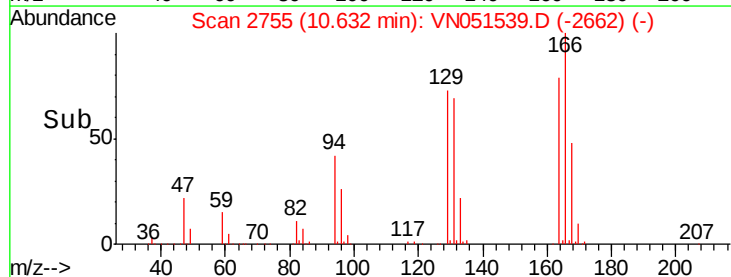
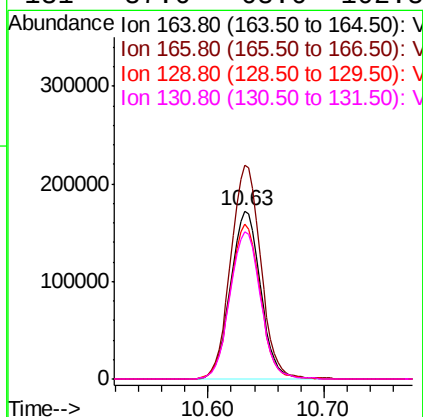
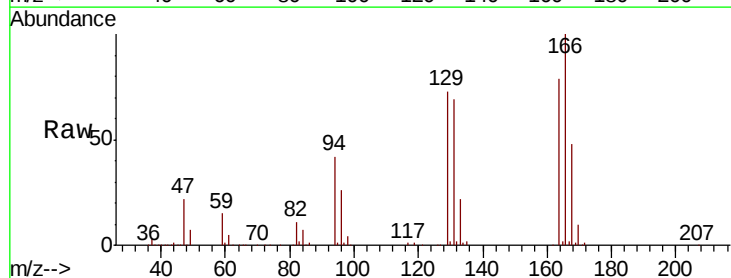
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

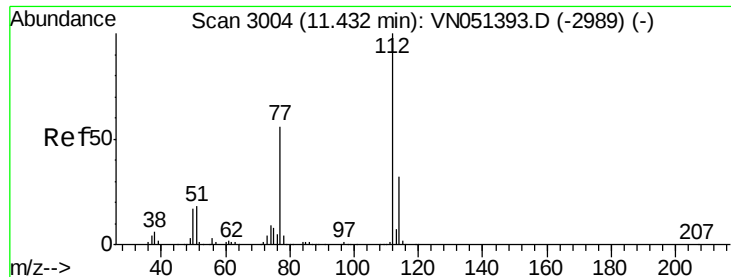
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.2	66.2
119	32.1	25.9	38.9



#64
Tetrachloroethene
Concen: 46.168 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.3	153.5
129	92.3	71.8	107.8
131	87.6	68.6	102.8

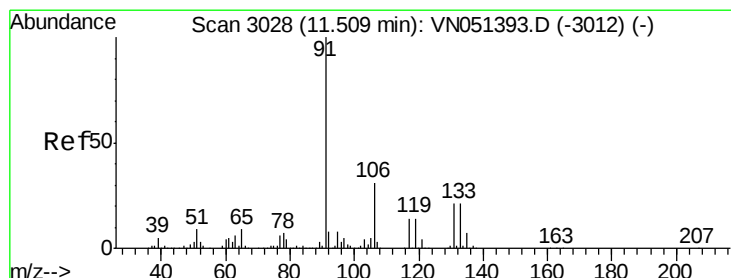
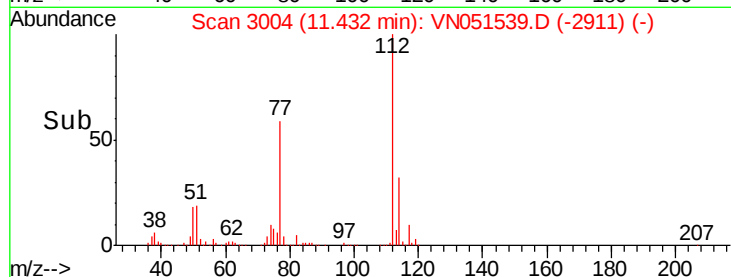
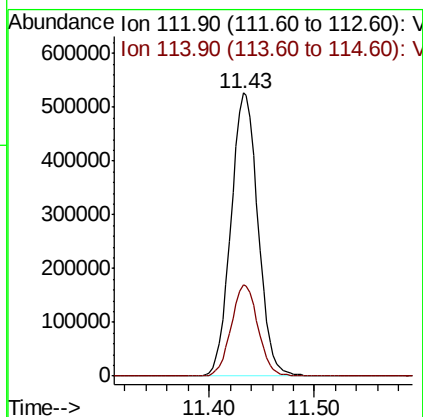
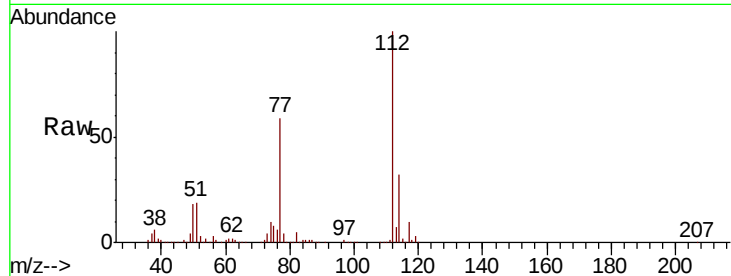




#65
Chlorobenzene
Concen: 49.388 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

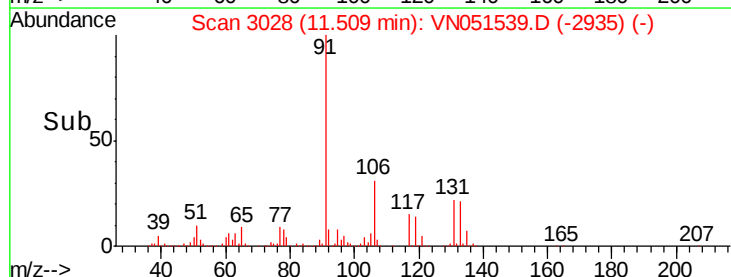
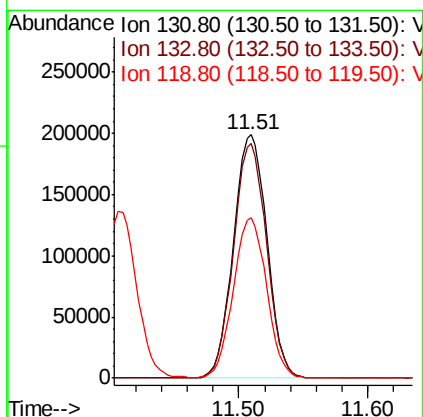
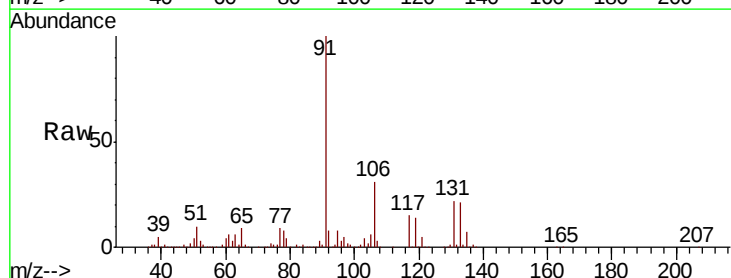
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

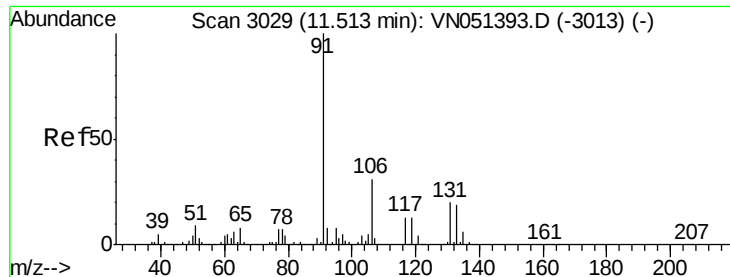
Tot Ion:112 Resp: 933514
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.818 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion:131 Resp: 358755
Ion Ratio Lower Upper
131 100
133 95.5 48.3 144.8
119 65.5 32.8 98.4

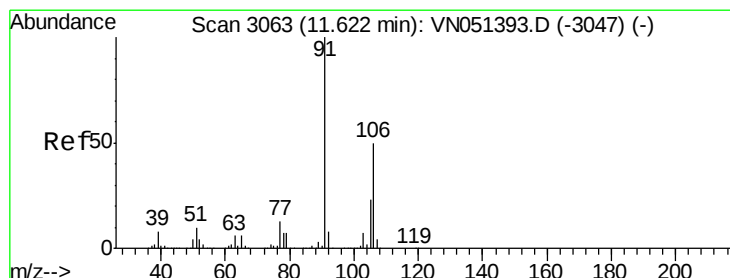
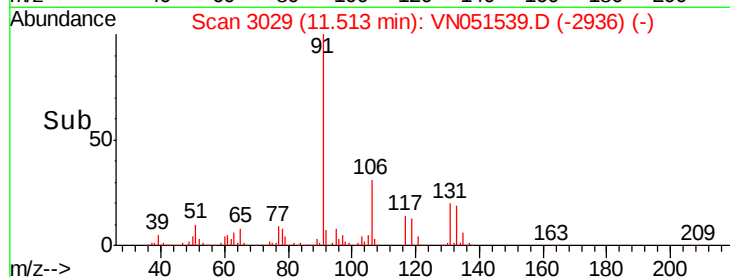
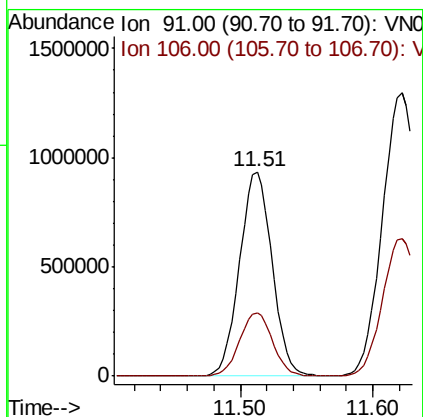
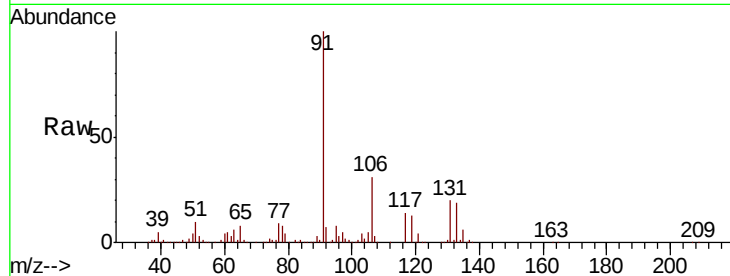




#67
Ethyl Benzene
Concen: 50.116 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

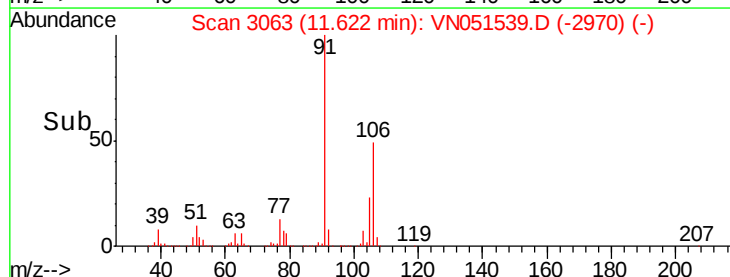
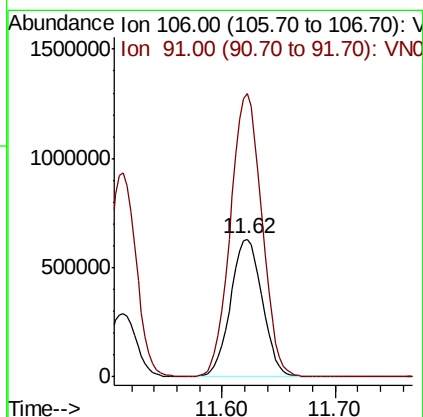
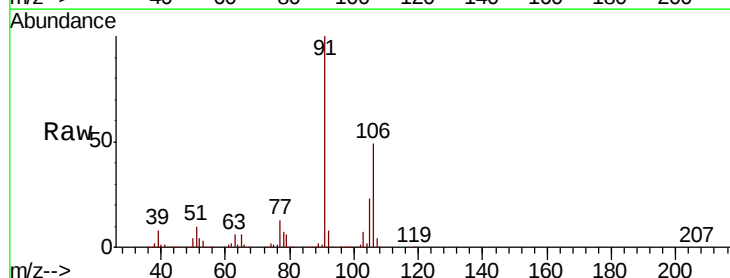
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

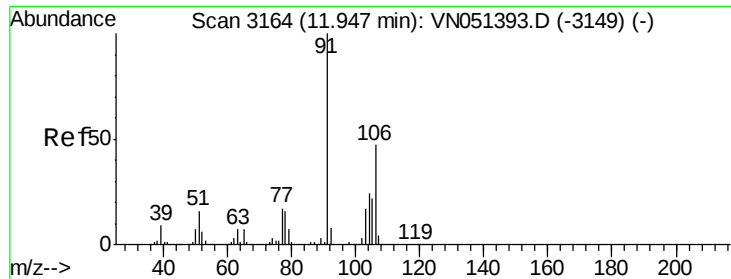
Tot Ion: 91 Resp: 1596417
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 99.731 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 106 Resp: 1228835
Ion Ratio Lower Upper
106 100
91 204.2 161.3 241.9

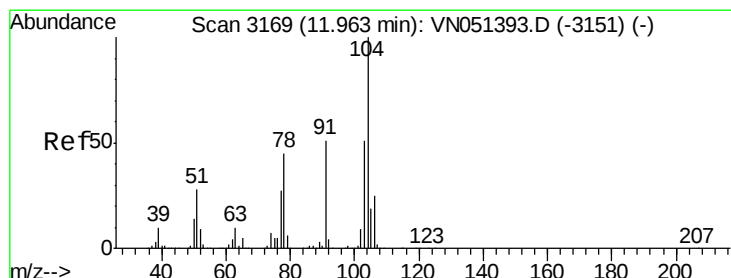
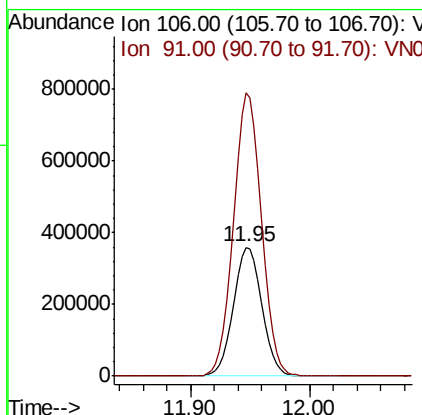
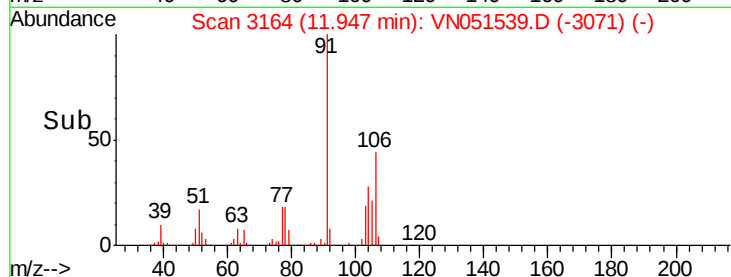
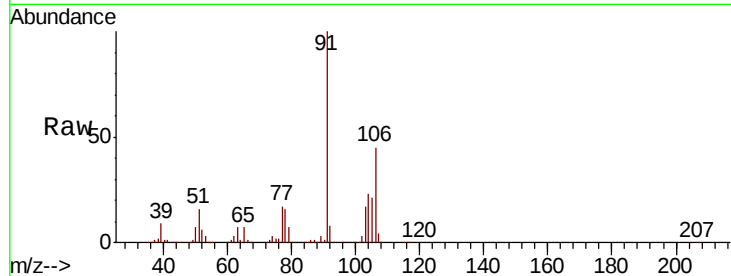




#69
o-Xylene
Concen: 50.142 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

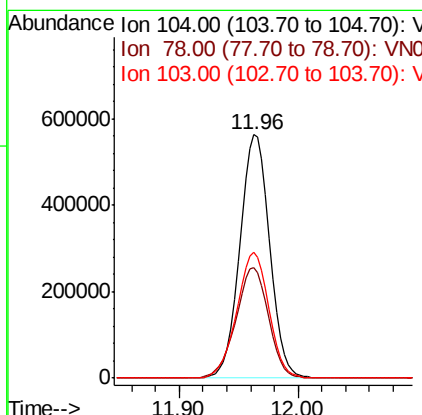
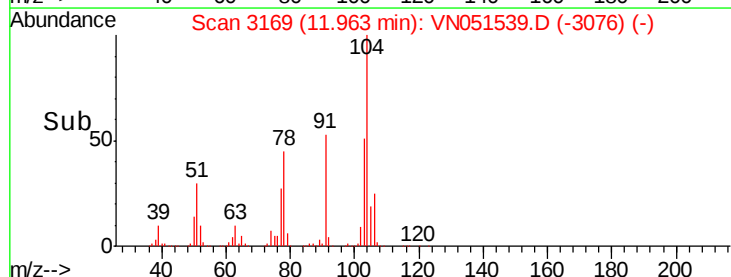
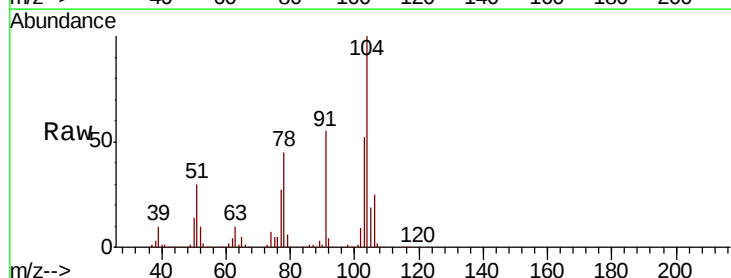
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

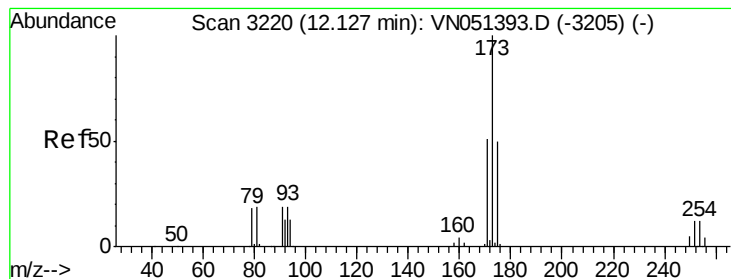
Tot Ion:106 Resp: 593936
Ion Ratio Lower Upper
106 100
91 216.7 105.3 315.9



#70
Styrene
Concen: 52.102 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion:104 Resp: 977945
Ion Ratio Lower Upper
104 100
78 49.7 39.9 59.9
103 55.6 44.6 66.8





#71

Bromoform

Concen: 52.923 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

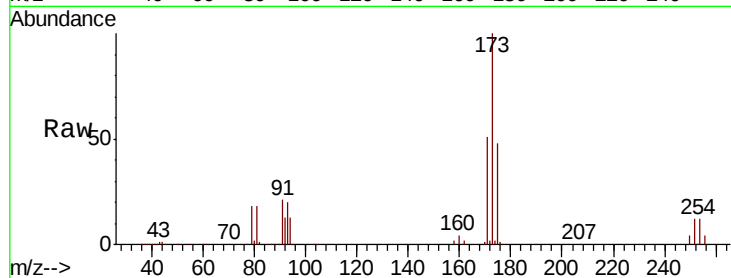
Tot Ion:173 Resp: 258603

Ion Ratio Lower Upper

173 100

175 48.1 24.8 74.3

254 0.1 0.2 0.2#

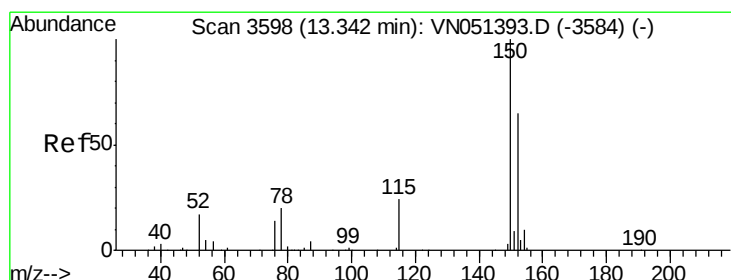
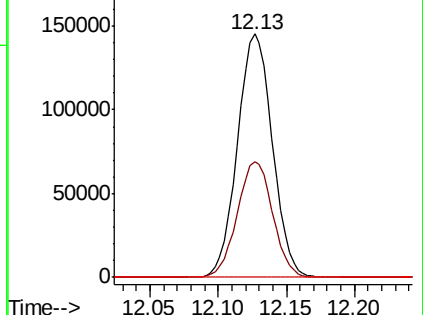
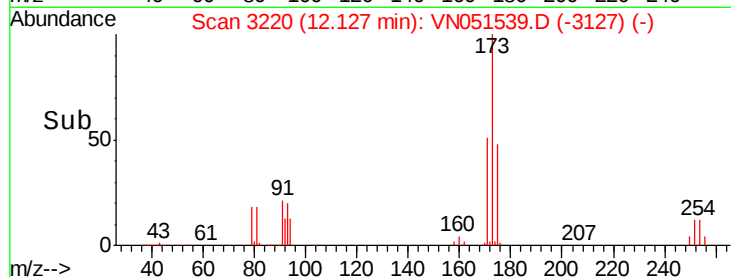


Abundance

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# 3599

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

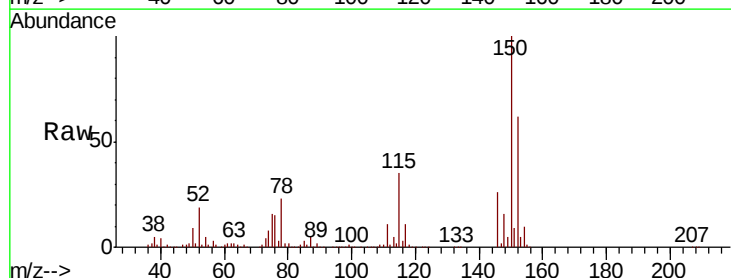
Tgt Ion:152 Resp: 389254

Ion Ratio Lower Upper

152 100

115 57.3 28.3 84.9

150 176.2 0.0 353.6

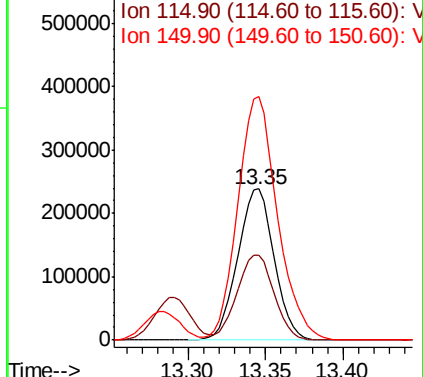
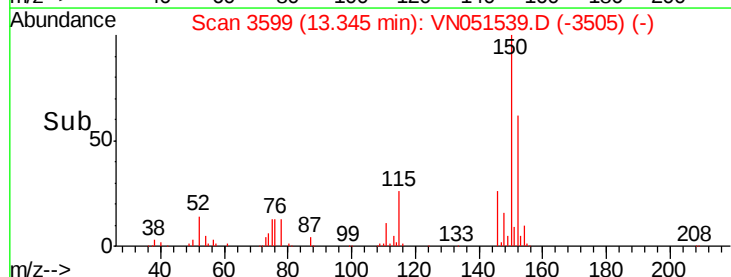


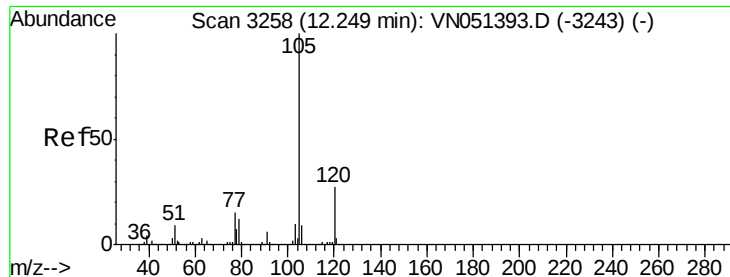
Abundance

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: 49.307 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

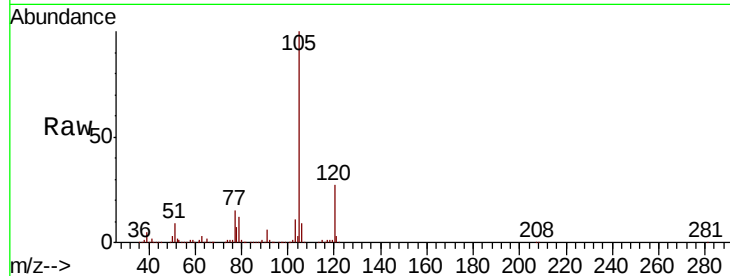
VSTDCCC050

Tot Ion:105 Resp: 1619389

Ion Ratio Lower Upper

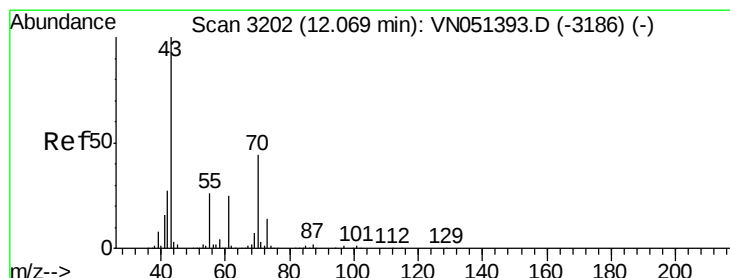
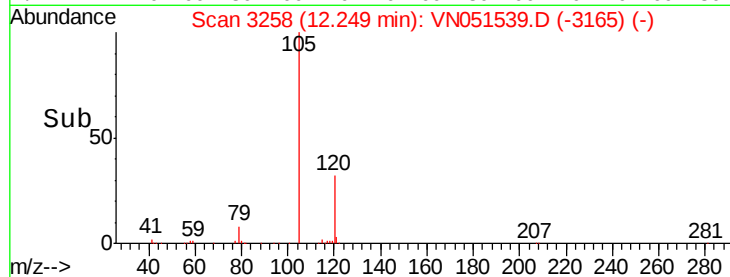
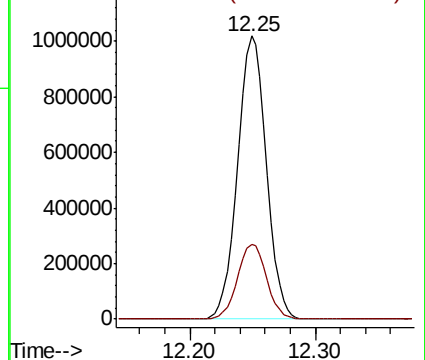
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.135 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Tgt Ion: 43 Resp: 495538

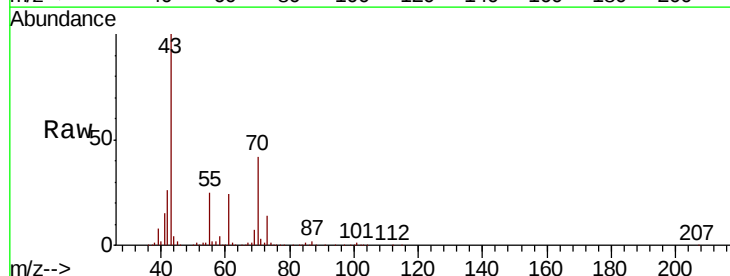
Ion Ratio Lower Upper

43 100

70 42.4 35.0 52.4

55 25.8 21.4 32.2

61 24.2 19.8 29.6

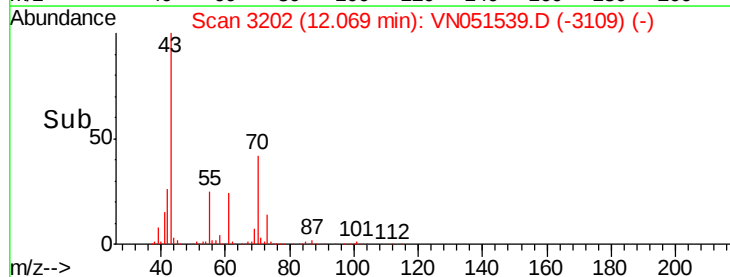
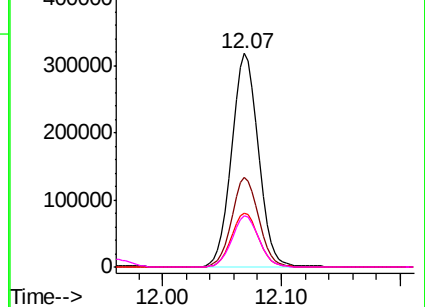


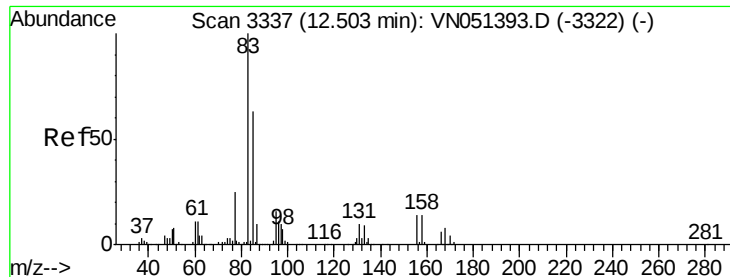
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 56.527 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

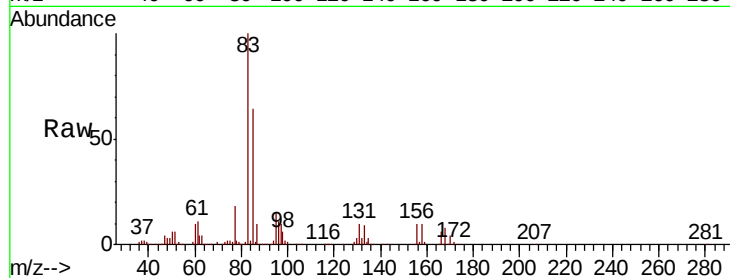
Tot Ion: 83 Resp: 432921

Ion Ratio Lower Upper

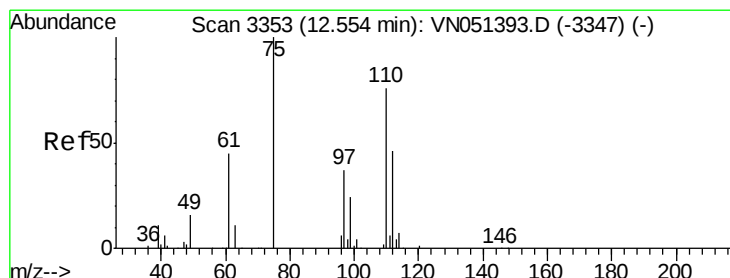
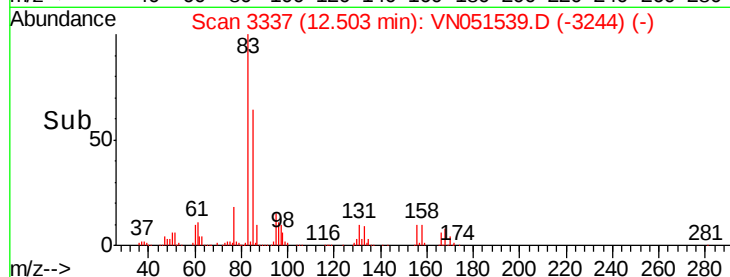
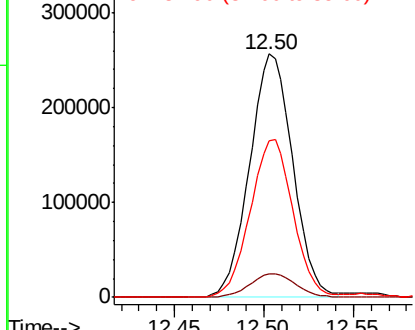
83 100

131 10.3 5.3 15.9

85 64.4 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 81.497 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051539.D

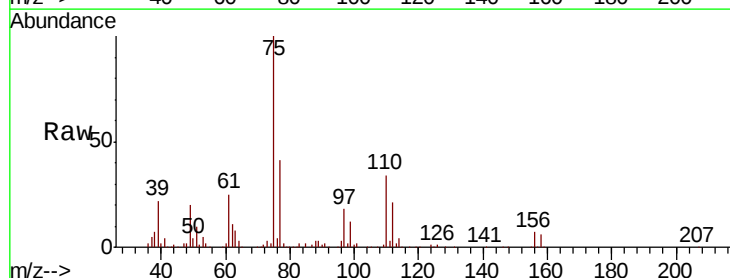
Acq: 26 Sep 2018 16:59

Tgt Ion: 75 Resp: 526622

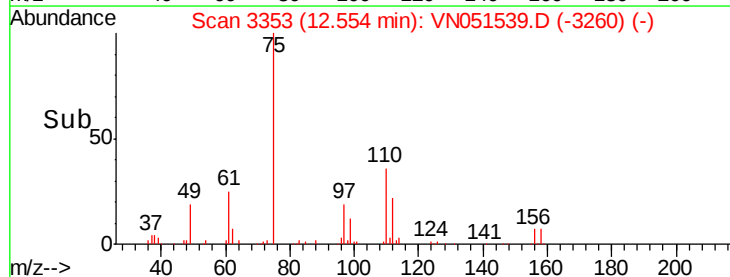
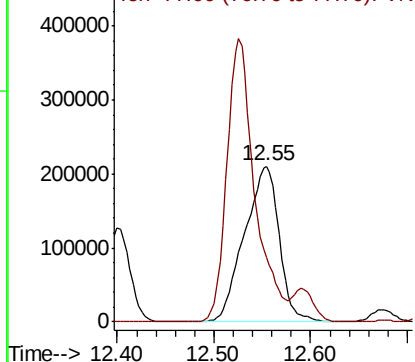
Ion Ratio Lower Upper

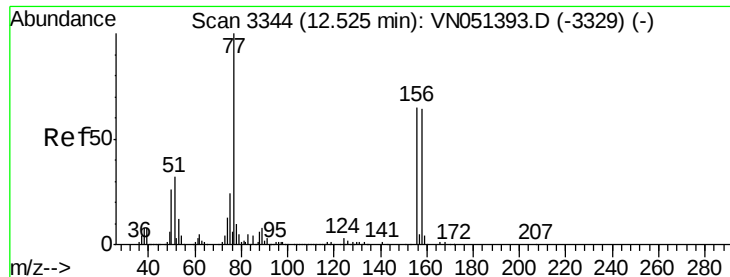
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 48.359 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

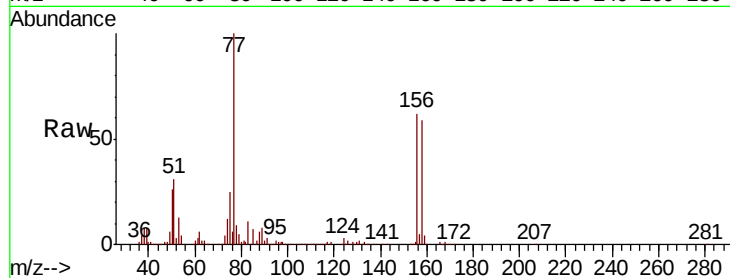
Tot Ion:156 Resp: 402067

Ion Ratio Lower Upper

156 100

77 191.5 89.5 268.4

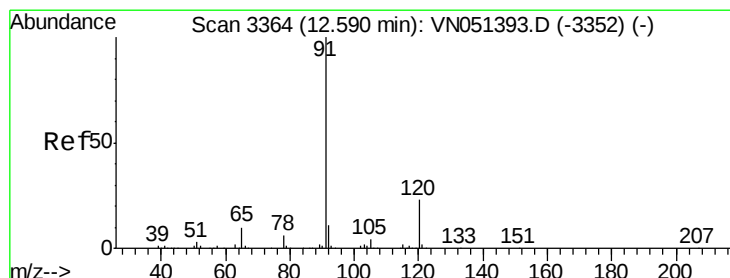
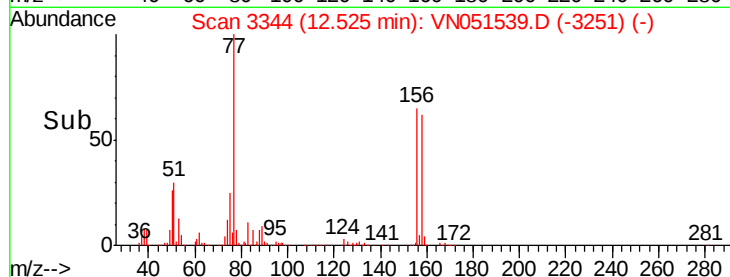
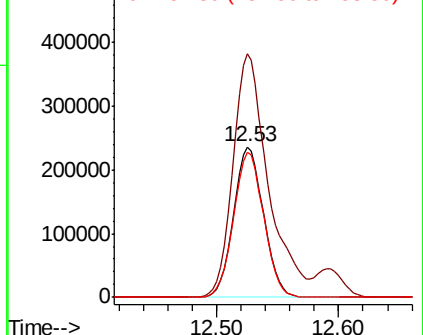
158 96.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.994 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051539.D

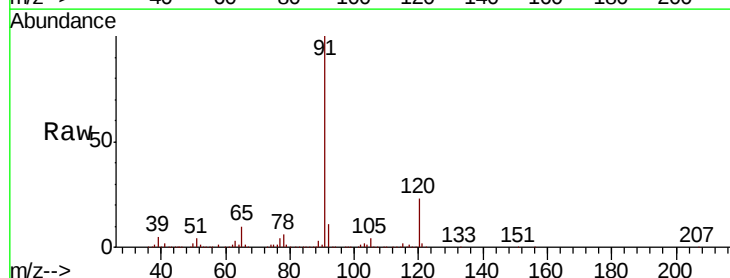
Acq: 26 Sep 2018 16:59

Tgt Ion: 91 Resp: 1887529

Ion Ratio Lower Upper

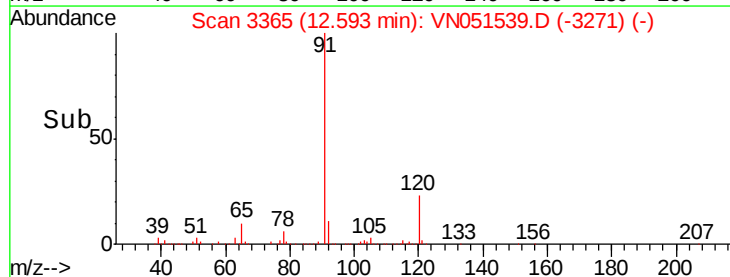
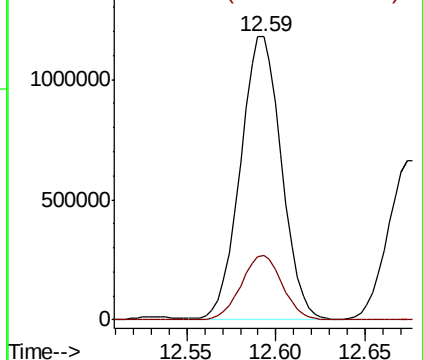
91 100

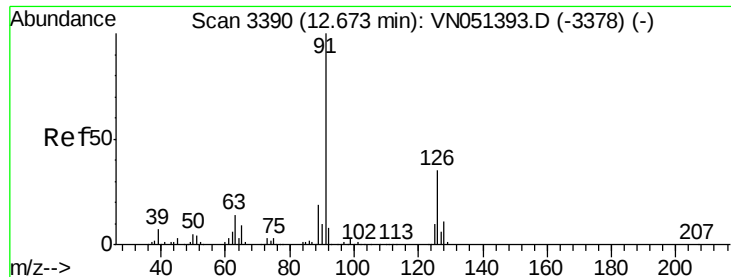
120 22.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.059 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

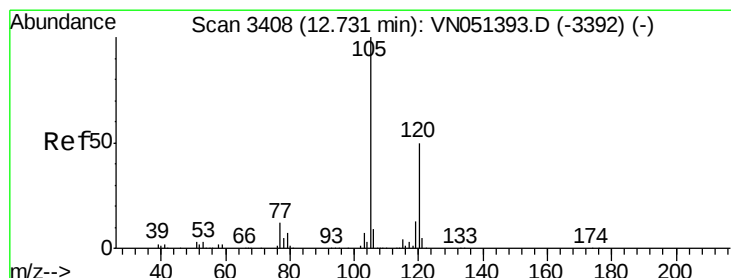
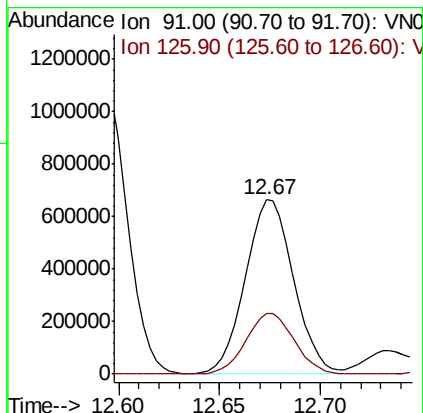
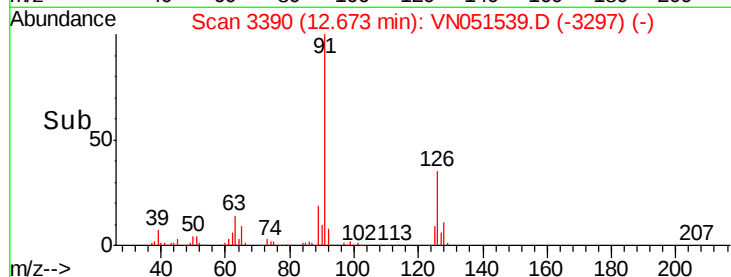
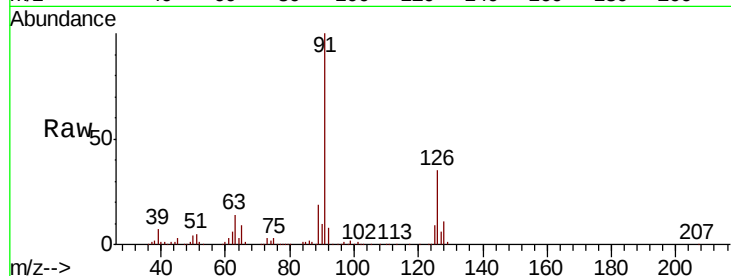
VSTDCCC050

Tot Ion: 91 Resp: 1109140

Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 50.660 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051539.D

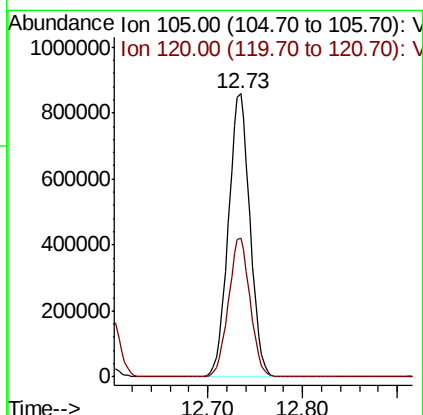
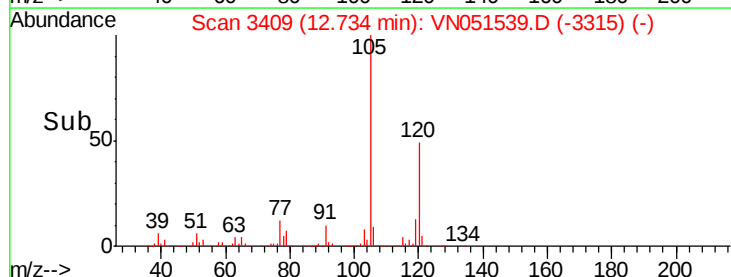
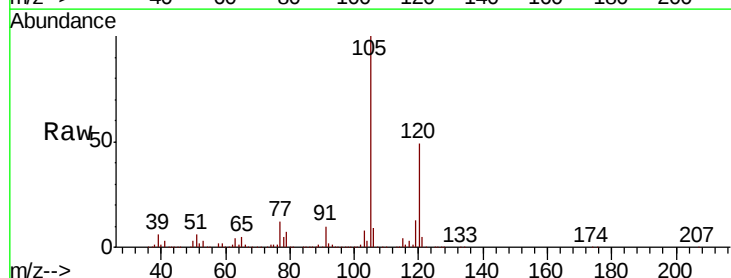
Acq: 26 Sep 2018 16:59

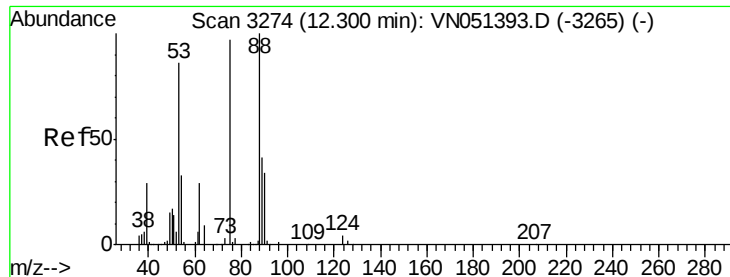
Tgt Ion:105 Resp: 1356698

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 57.719 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

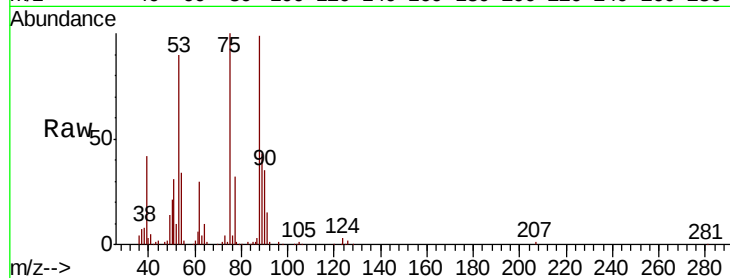
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 121294

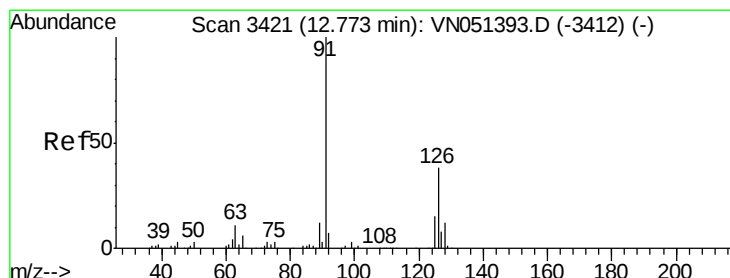
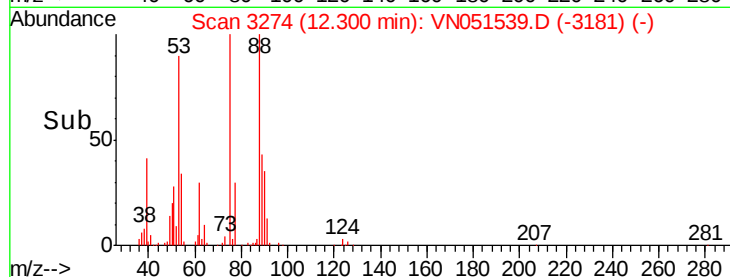
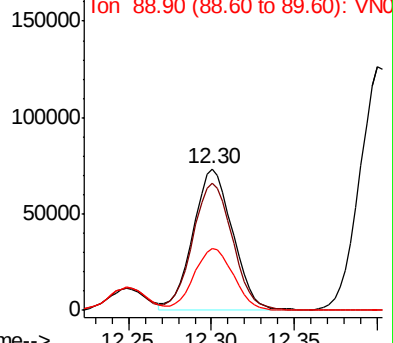
Ion	Ratio	Lower	Upper
75	100		
53	91.8	73.9	110.9
89	44.3	36.7	55.1



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: 50.369 ug/l

RT: 12.77 min Scan# 3421

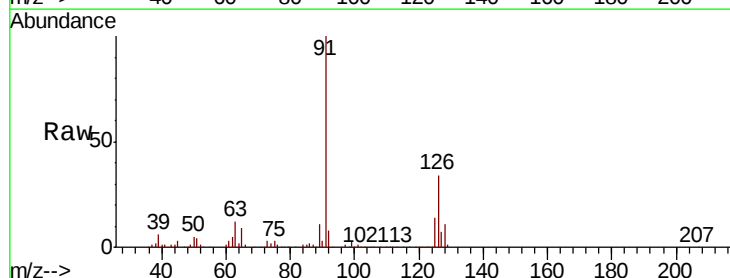
Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

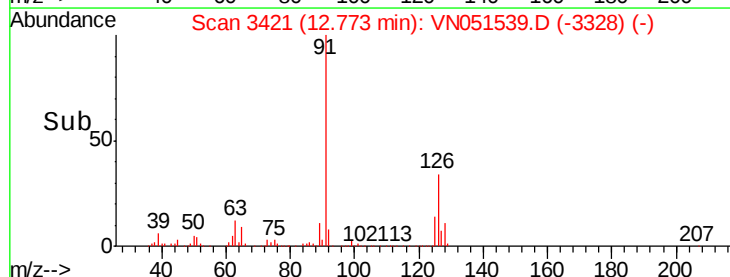
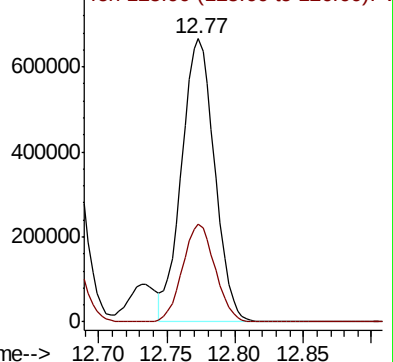
Tgt Ion: 91 Resp: 1113873

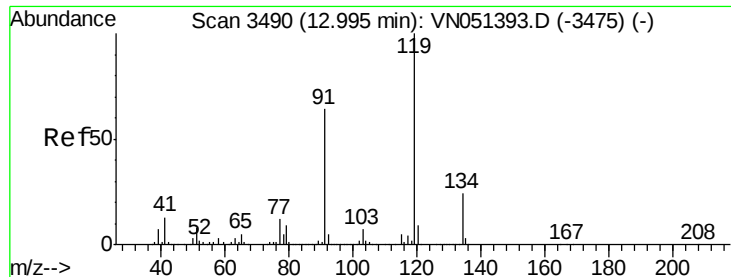
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.5	52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

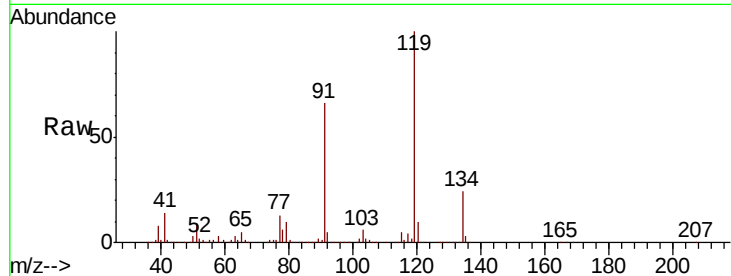




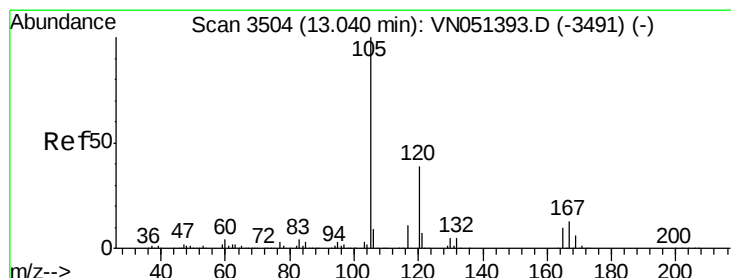
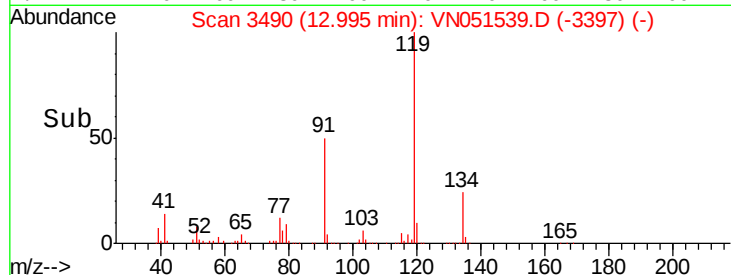
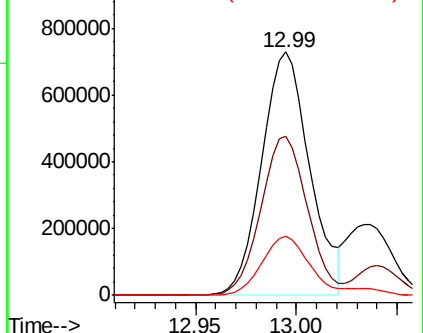
#83
 tert-Butylbenzene
 Concen: 50.797 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1210823
 Ion Ratio Lower Upper
 119 100
 91 63.8 31.7 95.1
 134 24.0 12.3 36.9

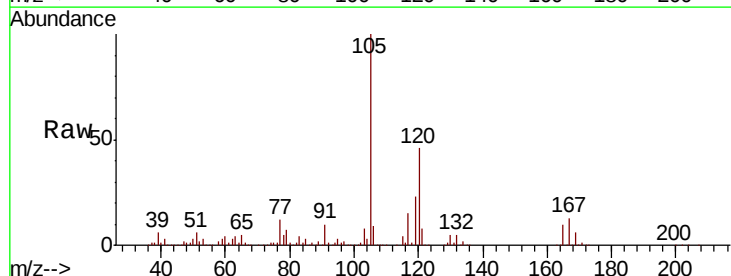


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

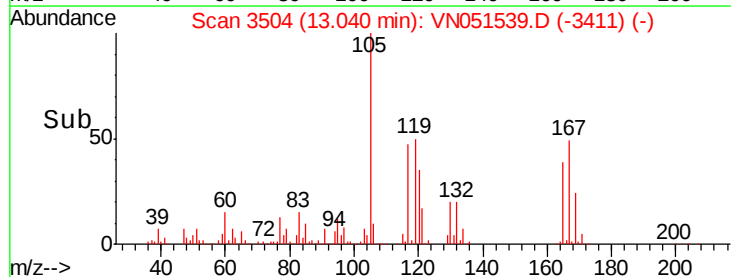
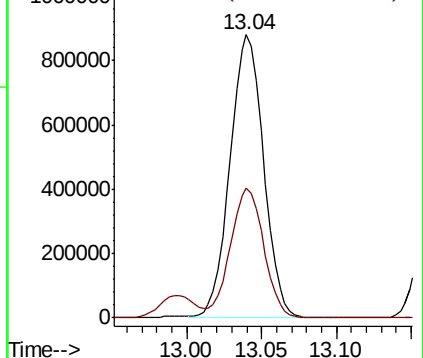


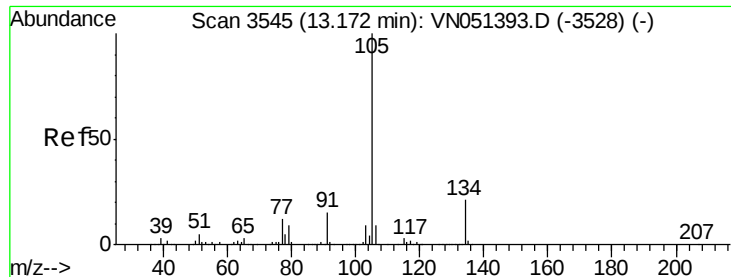
#84
 1,2,4-Trimethylbenzene
 Concen: 50.877 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Tgt Ion:105 Resp: 1372968
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7



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





#85

sec-Butylbenzene

Concen: 50.869 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

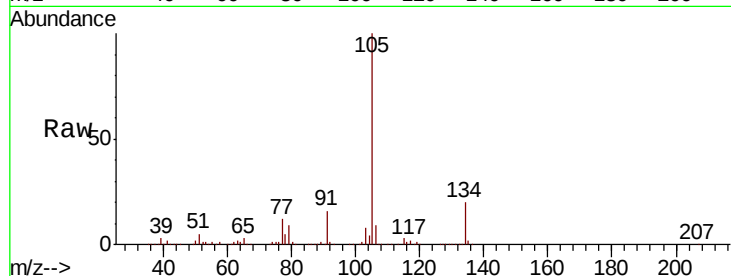
VSTDCCC050

Tot Ion:105 Resp: 1640368

Ion Ratio Lower Upper

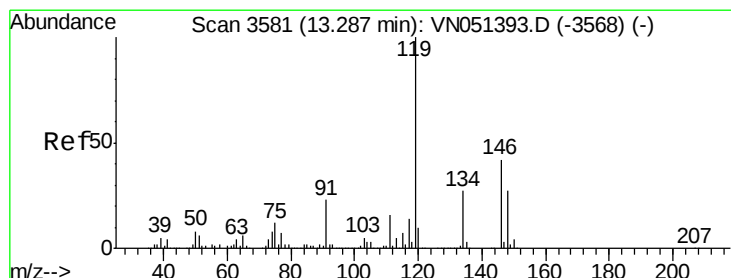
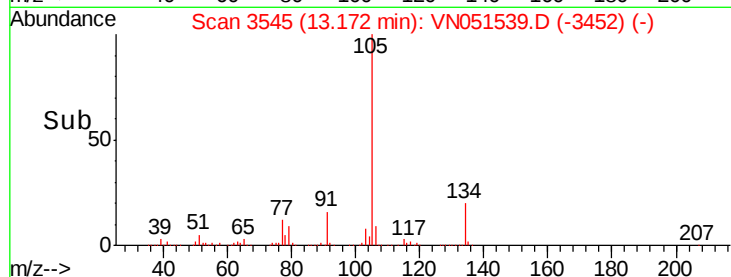
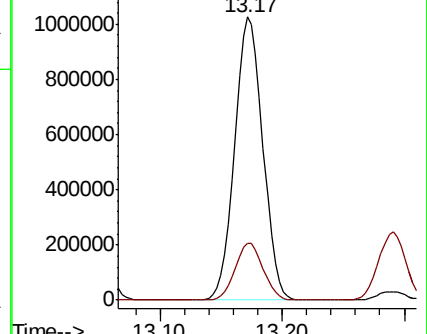
105 100

134 20.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.531 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

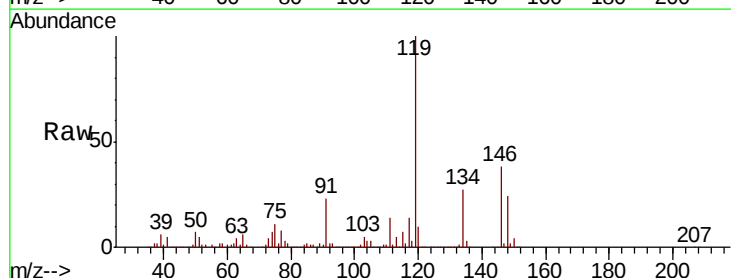
Tgt Ion:119 Resp: 1437884

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

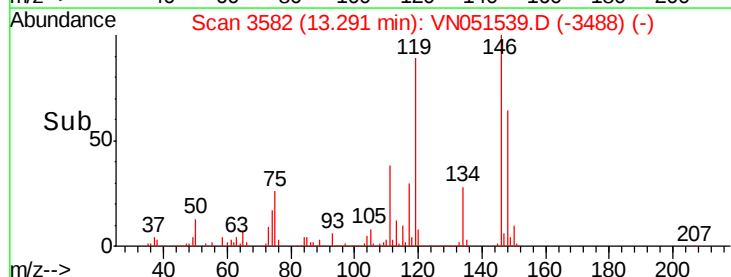
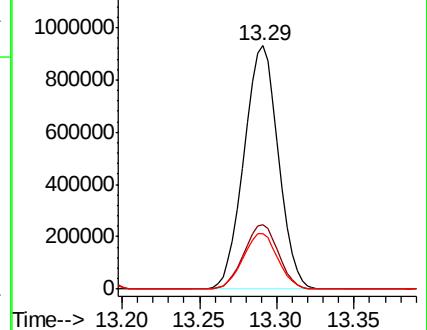
91 23.0 11.4 34.2

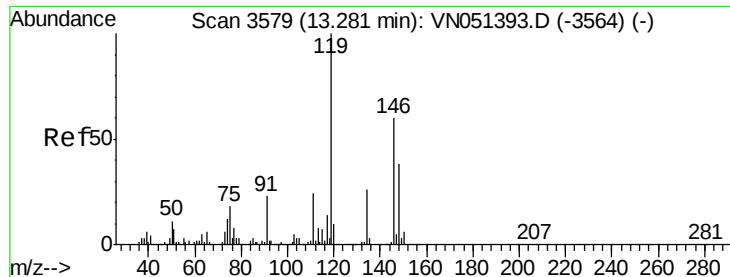


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.058 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

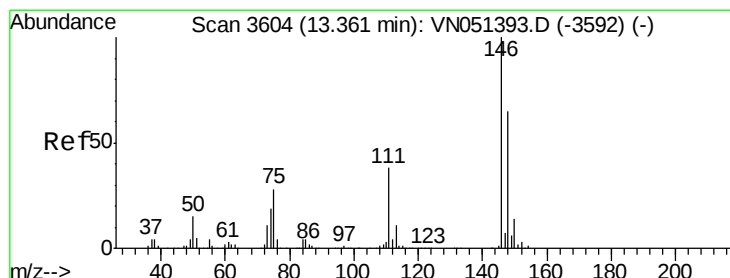
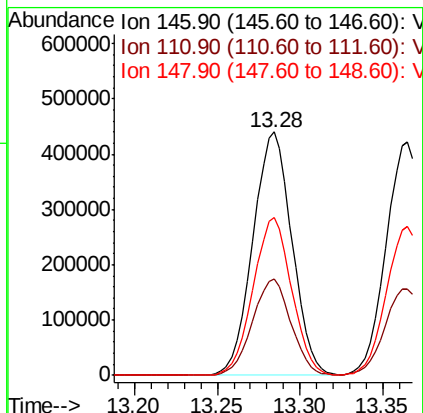
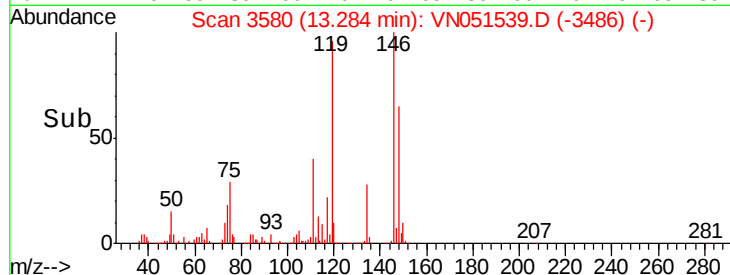
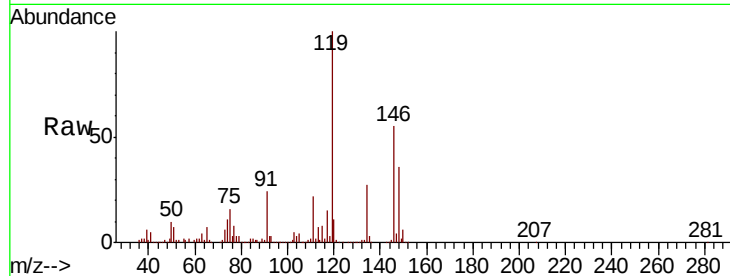
Tot Ion:146 Resp: 720224

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.012 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

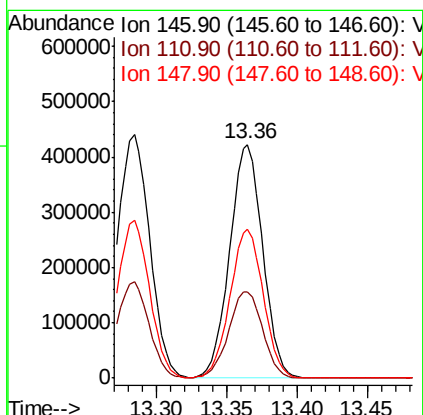
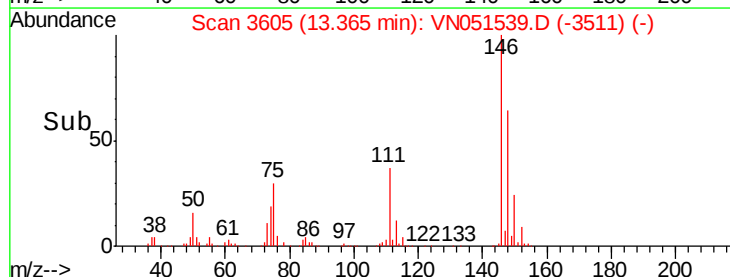
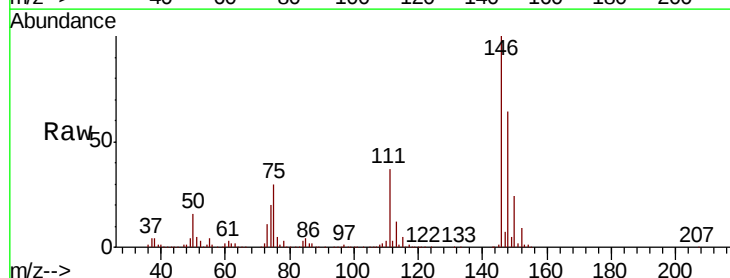
Tgt Ion:146 Resp: 692355

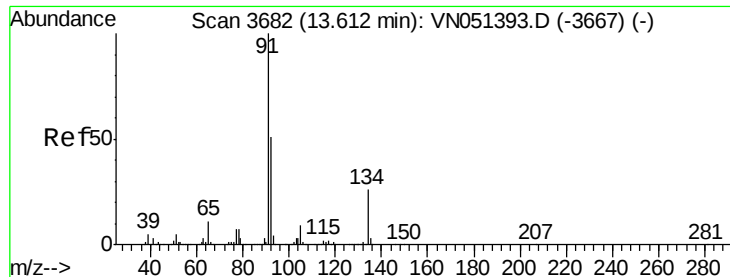
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 64.2 32.5 97.5

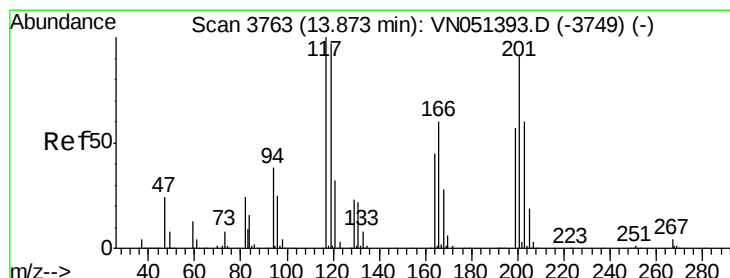
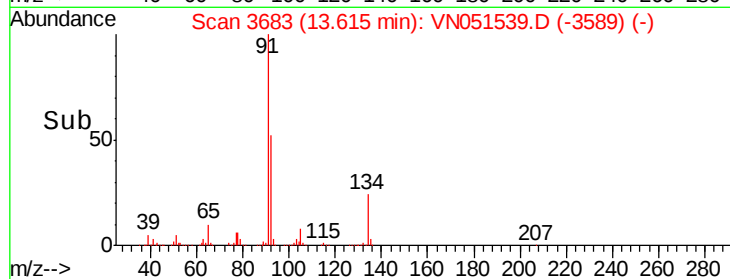
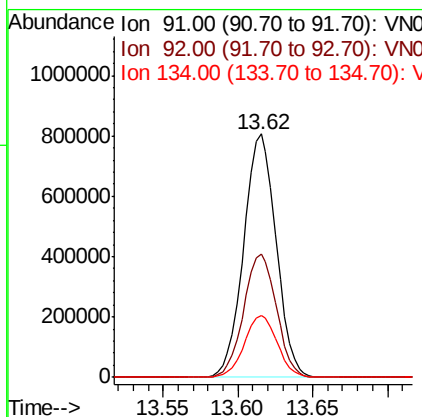
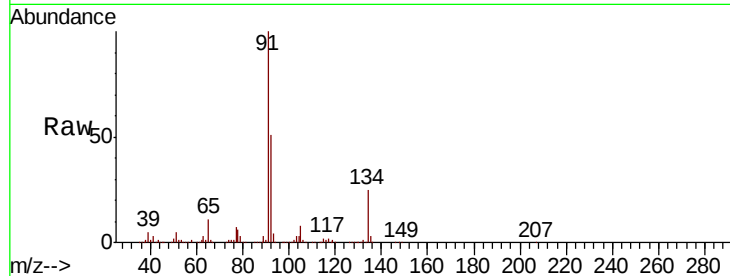




#89
n-Butylbenzene
Concen: 53.001 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

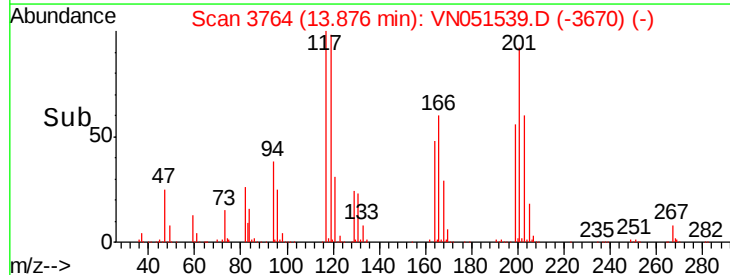
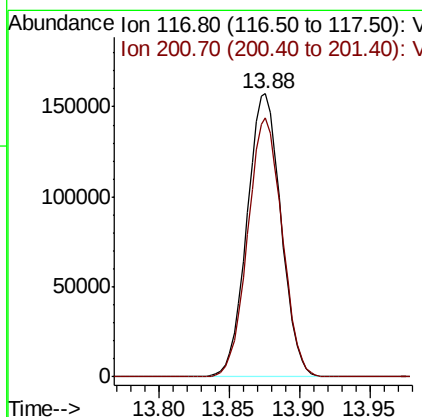
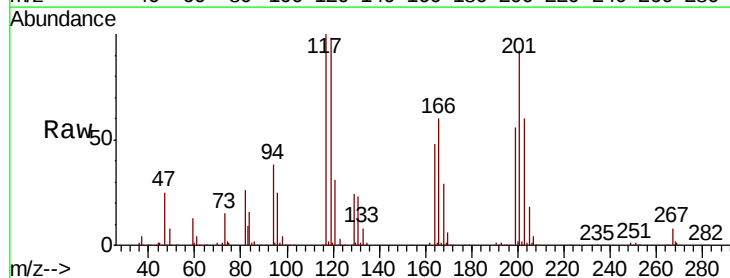
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

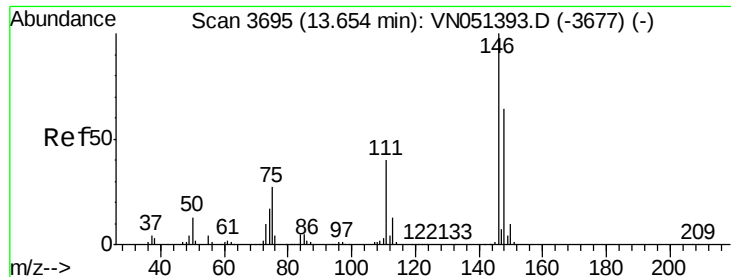
Tot Ion: 91 Resp: 1216113
Ion Ratio Lower Upper
91 100
92 51.2 25.5 76.5
134 25.7 13.3 39.8



#90
Hexachloroethane
Concen: 47.937 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051539.D
Acq: 26 Sep 2018 16:59

Tgt Ion: 117 Resp: 266510
Ion Ratio Lower Upper
117 100
201 92.2 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 51.110 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

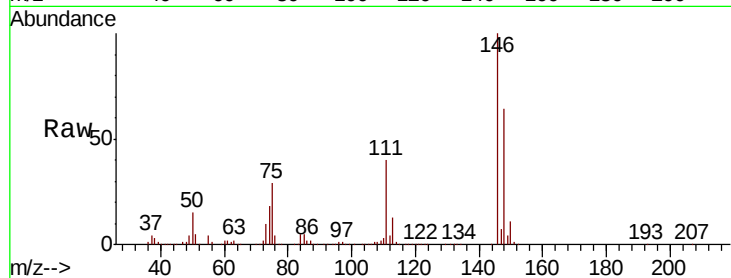
Tot Ion:146 Resp: 713501

Ion Ratio Lower Upper

146 100

111 40.6 20.0 60.0

148 64.6 32.1 96.5

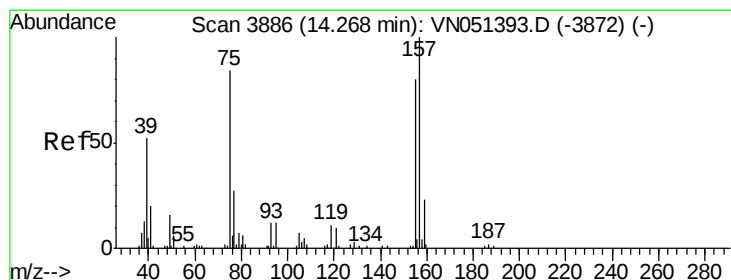
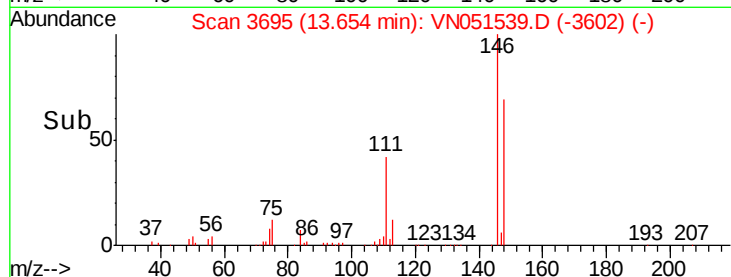
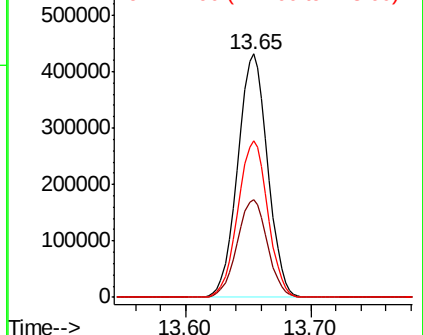


Abundance

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: 61.884 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

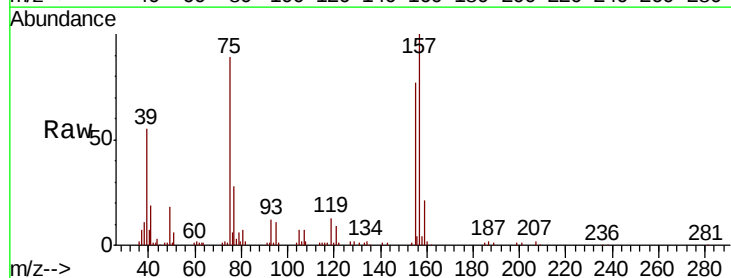
Tgt Ion: 75 Resp: 67637

Ion Ratio Lower Upper

75 100

155 87.9 46.9 140.6

157 112.5 58.4 175.1

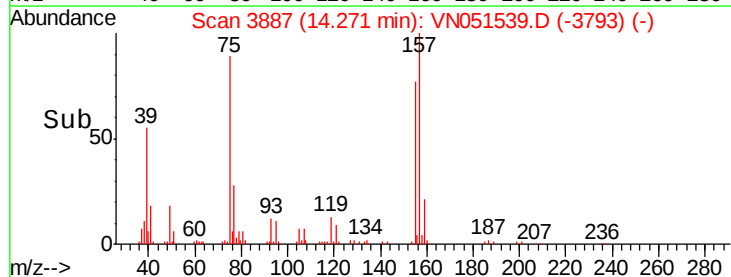
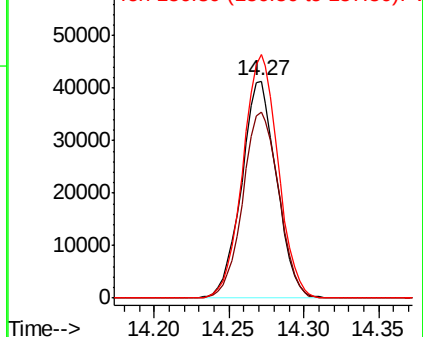


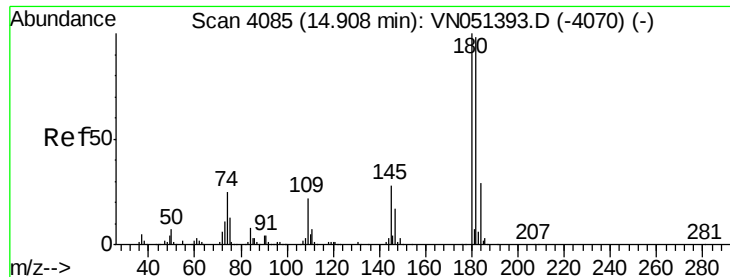
Abundance

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

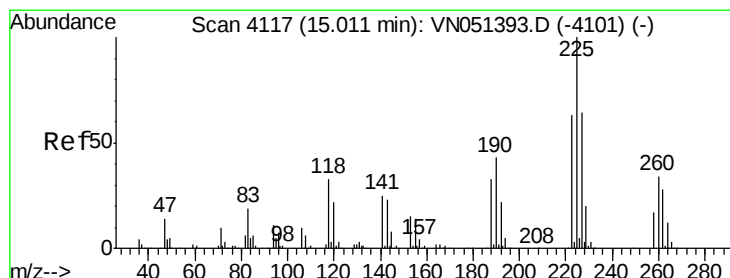
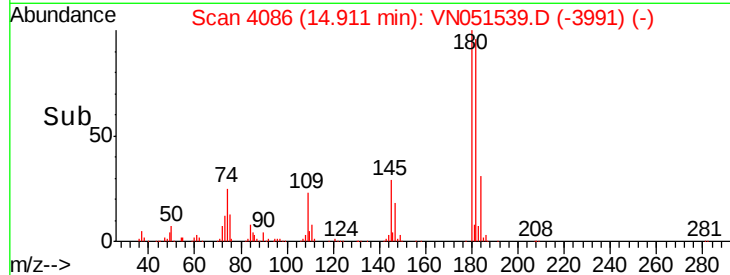
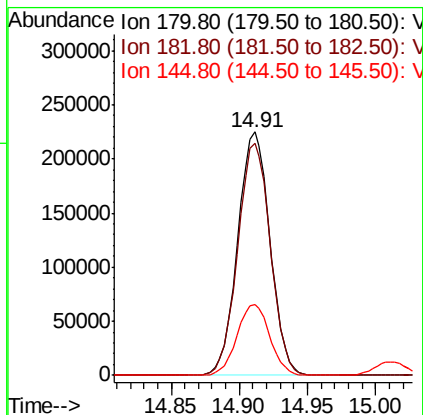
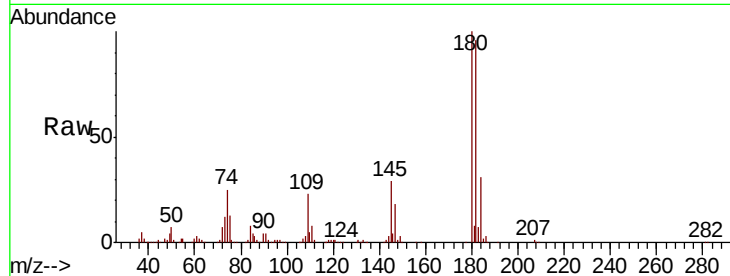




#93
 1,2,4-Trichlorobenzene
 Concen: 49.208 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

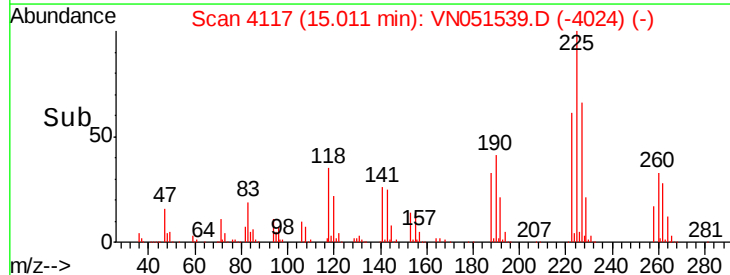
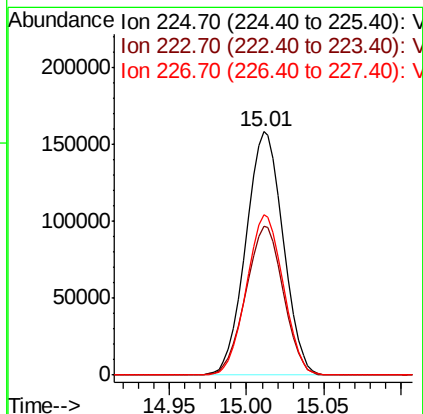
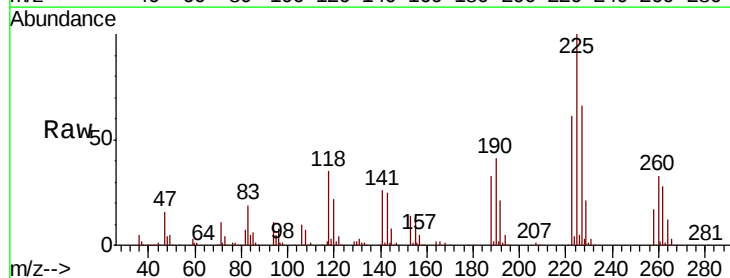
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

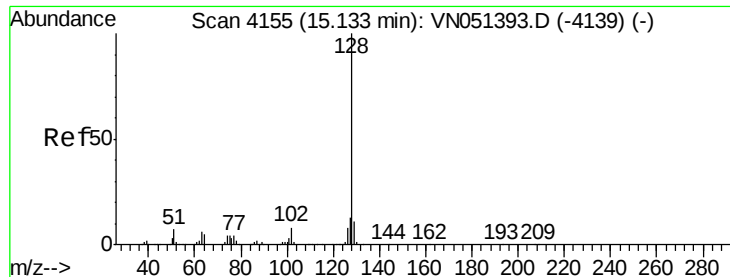
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.5	145.6
145	29.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 50.310 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051539.D
 Acq: 26 Sep 2018 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.9	95.9
227	65.1	32.5	97.5





#95

Naphthalene

Concen: 51.263 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

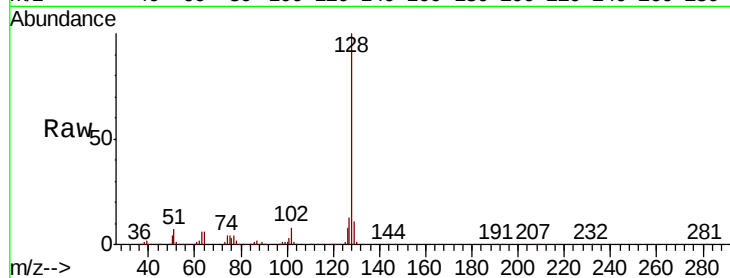
Tot Ion:128 Resp: 745415

Ion Ratio Lower Upper

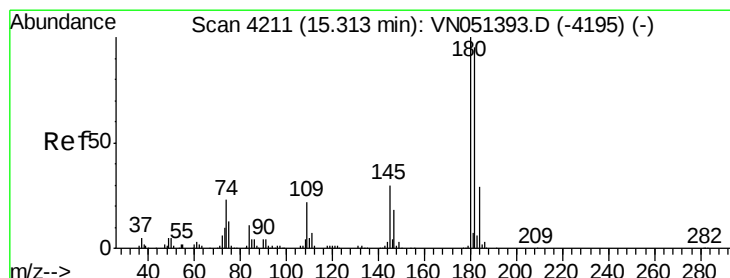
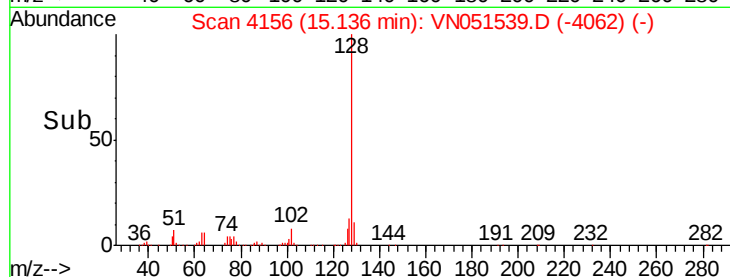
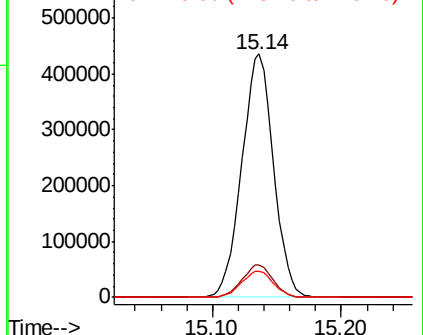
128 100

127 13.1 10.5 15.7

129 10.8 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: 55.980 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051539.D

Acq: 26 Sep 2018 16:59

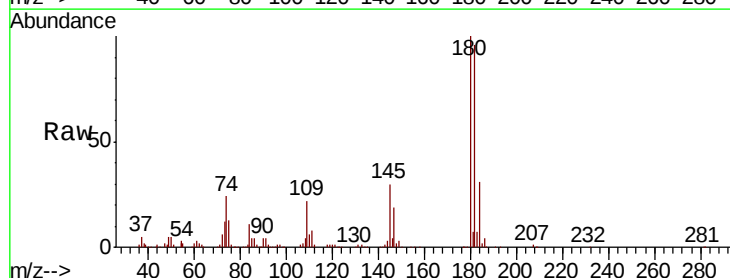
Tgt Ion:180 Resp: 375027

Ion Ratio Lower Upper

180 100

182 94.9 47.2 141.6

145 29.6 14.6 43.8



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

