

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
 Data File : VN053350.D
 Acq On : 10 Jan 2019 19:29
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 11 05:48:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	856000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1330933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1231924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	581141	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	437102	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	7.59	113	383395	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.09	98	1624184	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.40	95	587271	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	378177	50.113	ug/l	99
3) Chloromethane	2.06	50	526070	49.919	ug/l	99
4) Vinyl Chloride	2.19	62	502894	49.996	ug/l	100
5) Bromomethane	2.54	94	324157	49.318	ug/l	100
6) Chloroethane	2.69	64	302428	49.813	ug/l	98
7) Trichlorofluoromethane	3.01	101	624497	47.932	ug/l	98
8) Diethyl Ether	3.41	74	256093	50.149	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	394125	47.731	ug/l	100
10) Methyl Iodide	3.95	142	622795	53.808	ug/l	100
11) Tert butyl alcohol	4.78	59	104774	195.601	ug/l	100
12) 1,1-Dichloroethene	3.74	96	385551	48.272	ug/l	99
13) Acrolein	3.61	56	150839	223.966	ug/l	99
14) Allyl chloride	4.32	41	649591	50.461	ug/l	96
15) Acrylonitrile	4.99	53	806993	252.373	ug/l	99
16) Acetone	3.82	43	501100	233.650	ug/l	98
17) Carbon Disulfide	4.05	76	1080129	43.865	ug/l	100
18) Methyl Acetate	4.32	43	391063	48.519	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1143329	51.004	ug/l	97
20) Methylene Chloride	4.55	84	465121	48.628	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	414886	48.378	ug/l	99
22) Diisopropyl ether	5.95	45	1422919	51.309	ug/l	98
23) Vinyl Acetate	5.89	43	4516290	258.820	ug/l	100
24) 1,1-Dichloroethane	5.85	63	799043	49.957	ug/l	100
25) 2-Butanone	6.83	43	874841	239.445	ug/l	100
26) 2,2-Dichloropropane	6.82	77	551005	47.127	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	492534	50.293	ug/l	99
28) Bromochloromethane	7.19	49	352063	51.653	ug/l	99
29) Tetrahydrofuran	7.21	42	596210	247.282	ug/l	98
30) Chloroform	7.37	83	778121	49.426	ug/l	100
31) Cyclohexane	7.65	56	739286	48.634	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	644540	49.131	ug/l	100
36) 1,1-Dichloropropene	7.79	75	606024	48.774	ug/l	99
37) Ethyl Acetate	6.93	43	398960	49.295	ug/l	99
38) Carbon Tetrachloride	7.77	117	550980	48.043	ug/l	99

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

39) Methylcyclohexane	9.08	83	738930	51.334	ug/l	99
40) Benzene	8.04	78	1868571	49.232	ug/l	100
41) Methacrylonitrile	7.17	41	217434	43.274	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	550617	48.908	ug/l	100
43) Isopropyl Acetate	8.16	43	730369	45.874	ug/l	100
44) Trichloroethene	8.84	130	505834	48.537	ug/l	99
45) 1,2-Dichloropropane	9.12	63	499302	50.158	ug/l	99
46) Dibromomethane	9.21	93	287163	49.476	ug/l	100
47) Bromodichloromethane	9.40	83	596646	49.328	ug/l	100
48) Methyl methacrylate	9.20	41	370888	51.275	ug/l	99
49) 1,4-Dioxane	9.20	88	54847	711.693	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	2078975	259.658	ug/l	100
52) Toluene	10.16	92	1185685	50.921	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	627782	50.736	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	718429	50.246	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	429761	50.196	ug/l	100
56) Ethyl methacrylate	10.43	69	593878	53.377	ug/l	99
57) 1,3-Dichloropropane	10.71	76	733473	51.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1545202	256.892	ug/l	100
59) 2-Hexanone	10.75	43	1407168	256.511	ug/l	99
60) Dibromochloromethane	10.90	129	467545	50.630	ug/l	99
61) 1,2-Dibromoethane	11.01	107	433200	51.273	ug/l	99
64) Tetrachloroethene	10.63	164	559051	48.216	ug/l	100
65) Chlorobenzene	11.43	112	1329561	49.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	458580	48.957	ug/l	99
67) Ethyl Benzene	11.51	91	2292959	50.423	ug/l	100
68) m/p-Xylenes	11.62	106	1754422	102.600	ug/l	100
69) o-Xylene	11.95	106	855168	51.083	ug/l	100
70) Styrene	11.96	104	1432289	52.570	ug/l	99
71) Bromoform	12.13	173	332051	50.187	ug/l #	99
73) Isopropylbenzene	12.25	105	2279696	52.688	ug/l	100
74) N-amyl acetate	12.07	43	671477	51.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	503718	50.609	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	674956	79.629	ug/l #	100
77) Bromobenzene	12.53	156	591891	51.255	ug/l	99
78) n-propylbenzene	12.59	91	2623000	53.594	ug/l	99
79) 2-Chlorotoluene	12.68	91	1538325	51.946	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1858997	53.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	154791	53.729	ug/l	98
82) 4-Chlorotoluene	12.77	91	1573617	51.821	ug/l	100
83) tert-Butylbenzene	12.99	119	1645039	53.798	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1871835	52.719	ug/l	100
85) sec-Butylbenzene	13.17	105	2247058	55.722	ug/l	100
86) p-Isopropyltoluene	13.29	119	1942446	55.633	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1033208	50.807	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1006743	49.906	ug/l	99
89) n-Butylbenzene	13.62	91	1617104	55.242	ug/l	100
90) Hexachloroethane	13.88	117	297924	53.236	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	946261	49.676	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	64970	53.818	ug/l	98

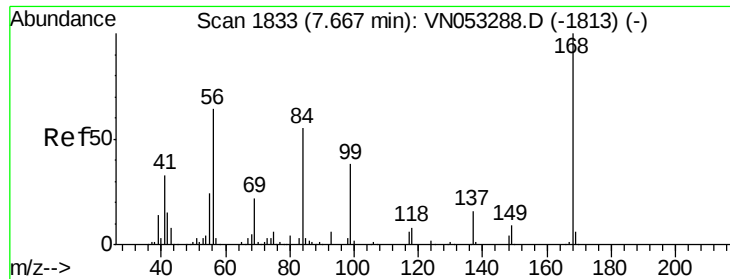
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	374738	62.567	ug/l	100
94) Hexachlorobutadiene	15.01	225	286230	58.427	ug/l	99
95) Naphthalene	15.13	128	678525	66.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	266251	67.898	ug/l	100

(#) = 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: VN053350.D

Acq: 10 Jan 2019 19:29

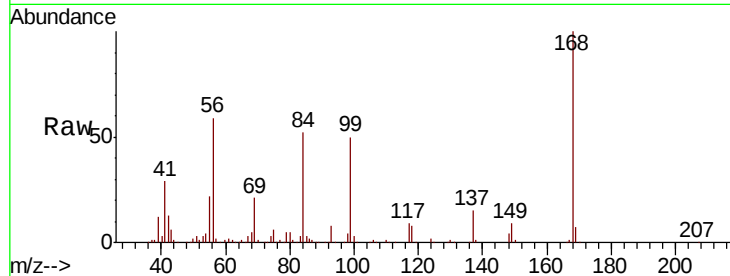
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 856000

Ion Ratio Lower Upper

168 100

99 49.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

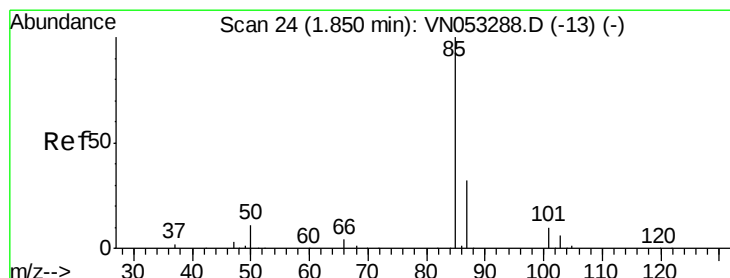
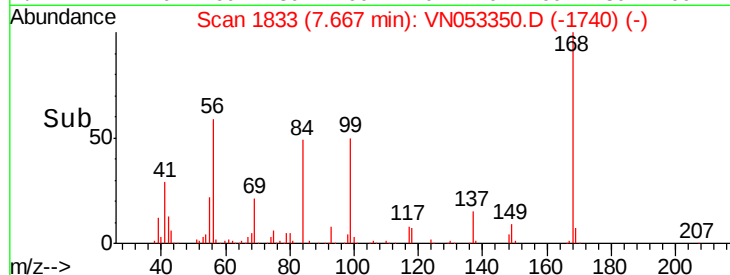
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.113 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053350.D

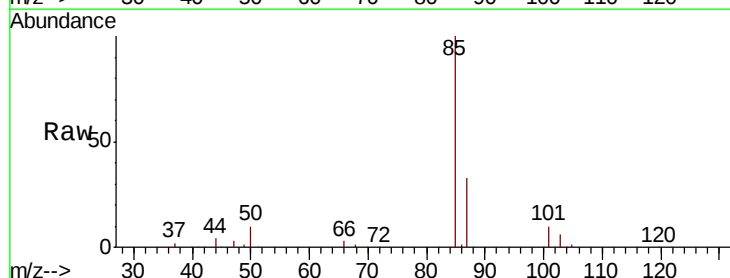
Acq: 10 Jan 2019 19:29

Tgt Ion: 85 Resp: 378177

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

300000

250000

200000

150000

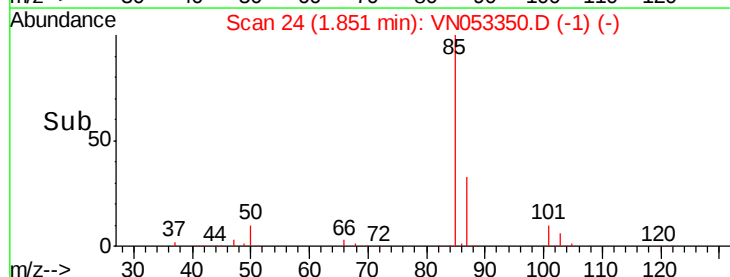
100000

50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 49.919 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

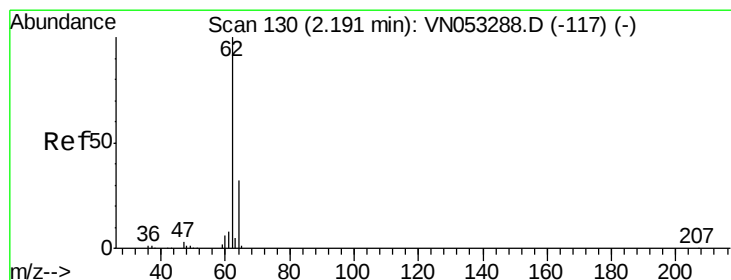
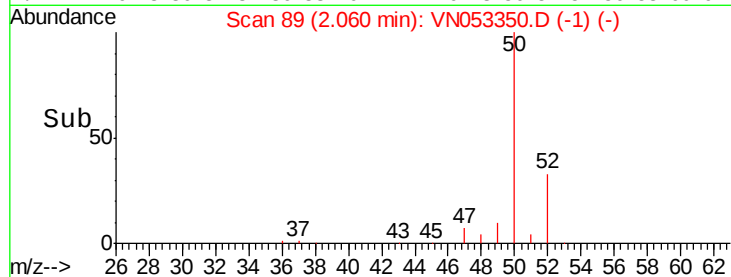
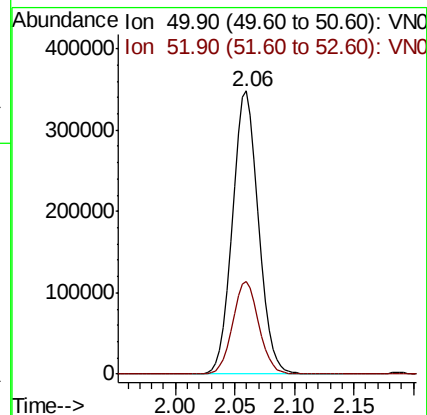
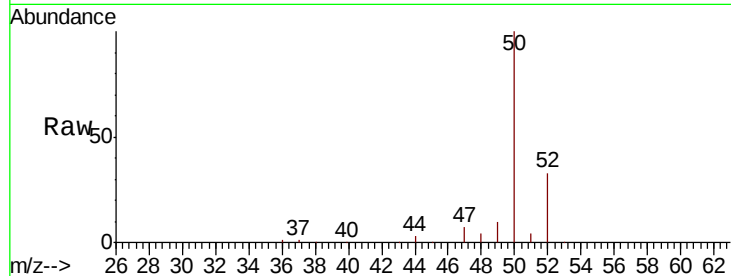
VSTDCCC050EC

Tgt Ion: 50 Resp: 526070

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



#4

Vinyl Chloride

Concen: 49.996 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053350.D

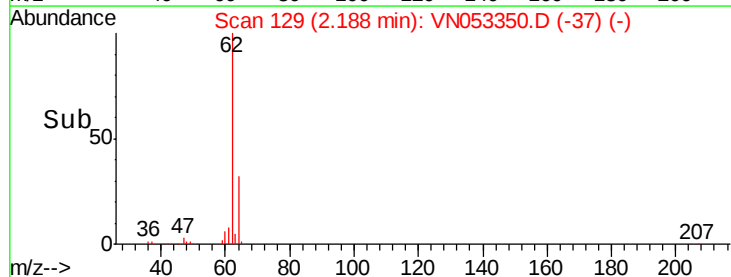
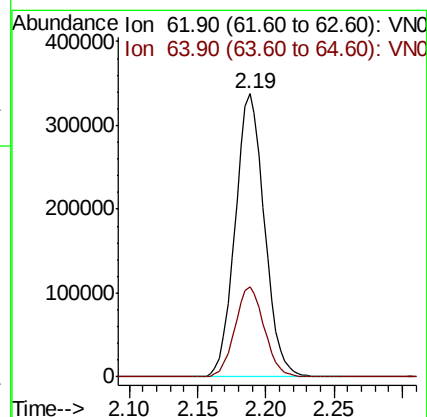
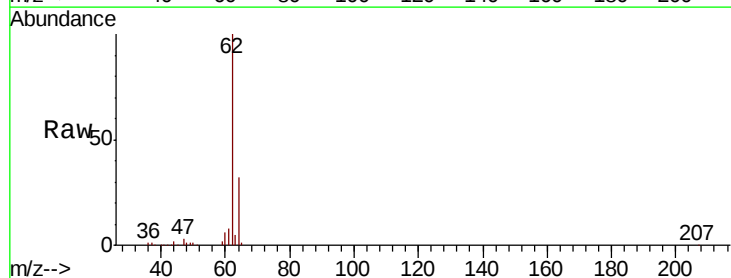
Acq: 10 Jan 2019 19:29

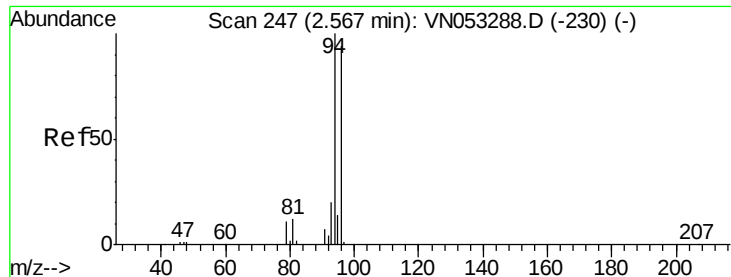
Tgt Ion: 62 Resp: 502894

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 49.318 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.03 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

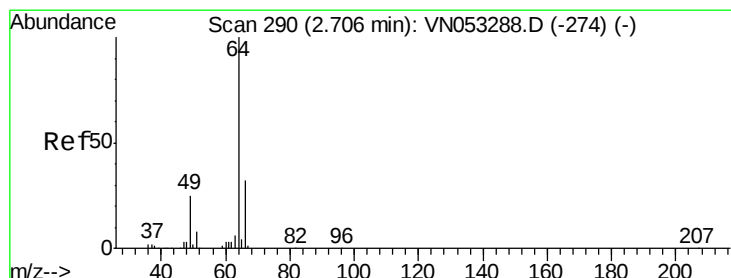
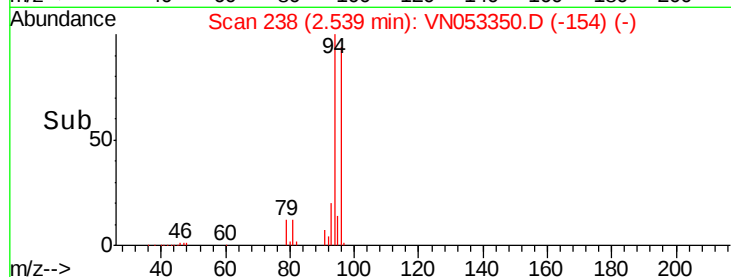
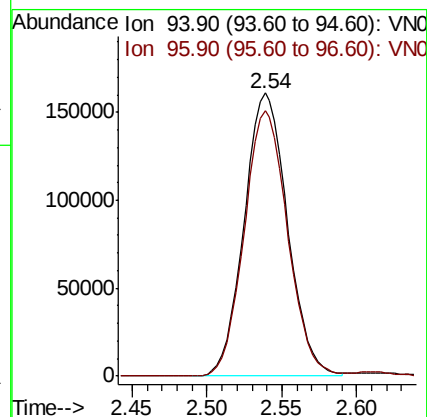
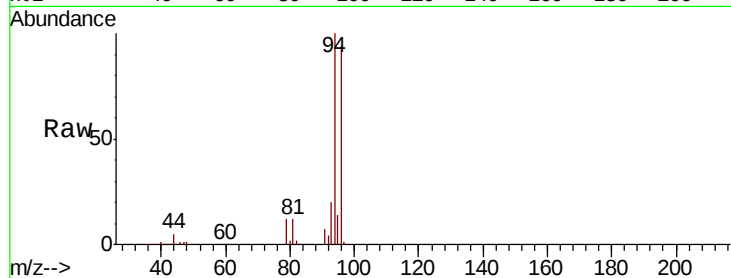
VSTDCCC050EC

Tgt Ion: 94 Resp: 324157

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



#6

Chloroethane

Concen: 49.813 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN053350.D

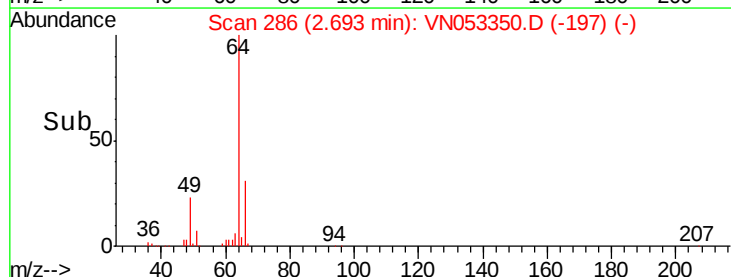
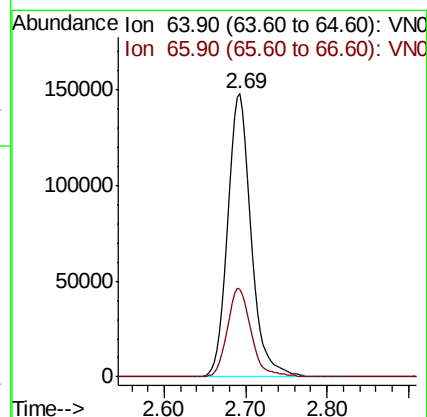
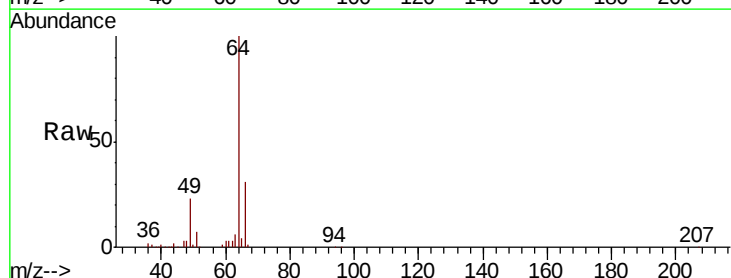
Acq: 10 Jan 2019 19:29

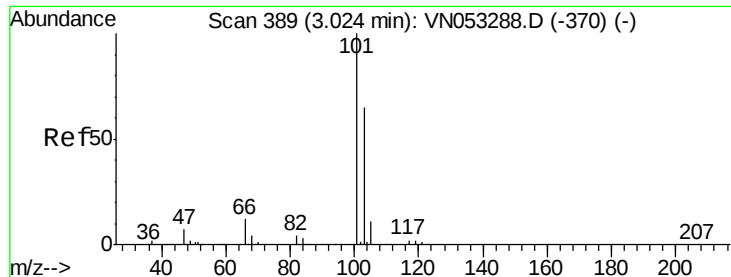
Tgt Ion: 64 Resp: 302428

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4



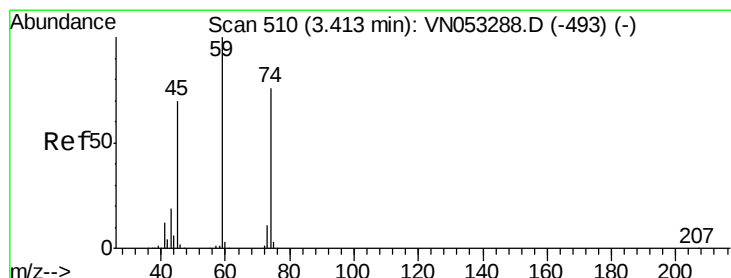
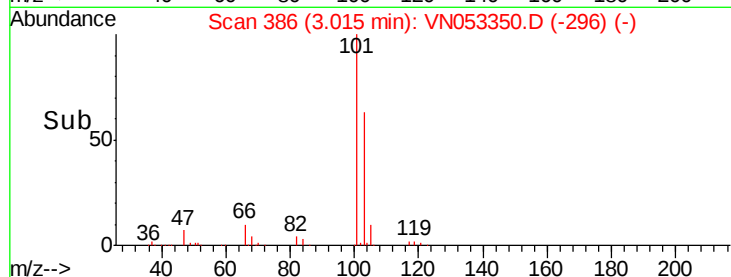
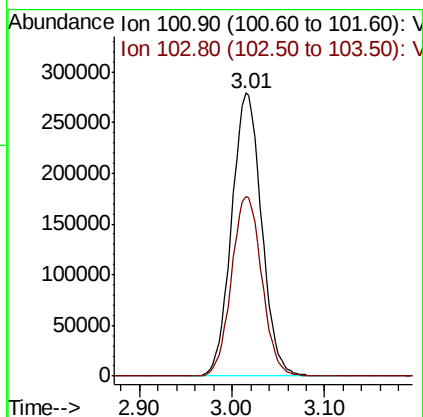
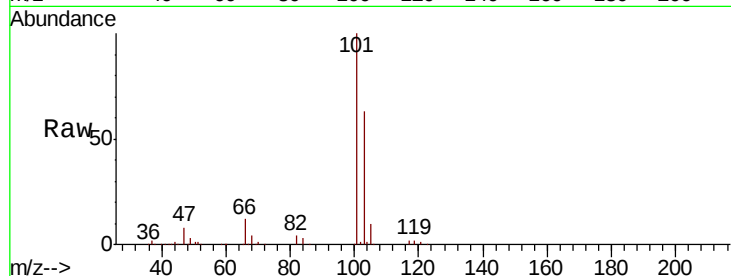


#7

Trichlorofluoromethane
Concen: 47.932 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN053350.D
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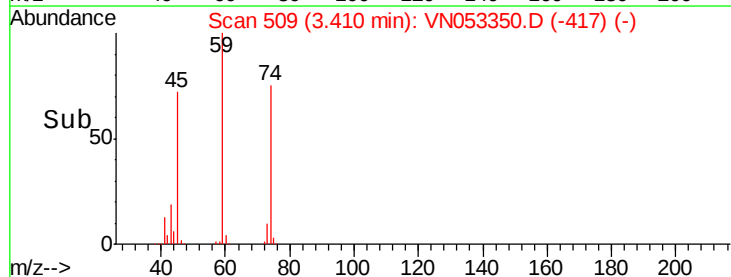
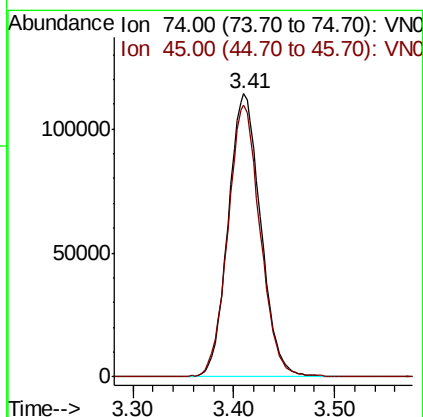
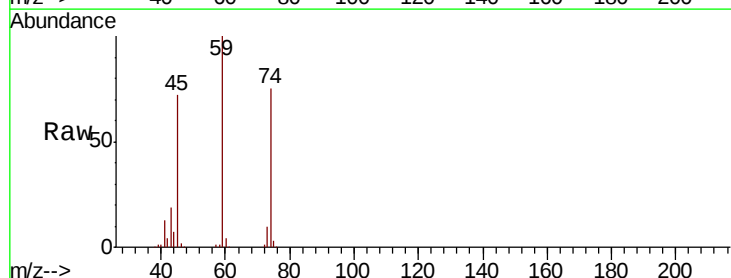
Tgt Ion:101 Resp: 624497
Ion Ratio Lower Upper
101 100
103 63.5 52.1 78.1

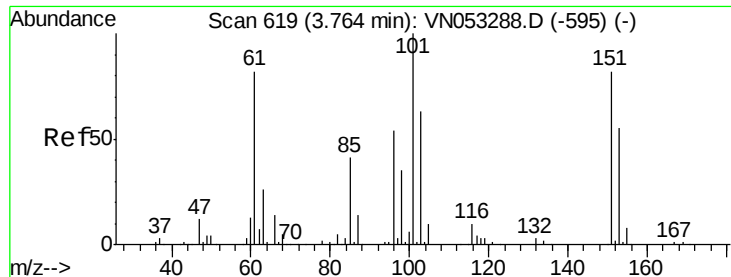


#8

Diethyl Ether
Concen: 50.149 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 74 Resp: 256093
Ion Ratio Lower Upper
74 100
45 95.5 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.731 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

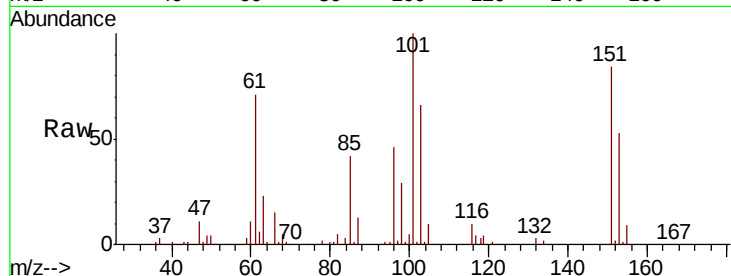
Tgt Ion:101 Resp: 394125

Ion Ratio Lower Upper

101 100

85 41.7 33.3 49.9

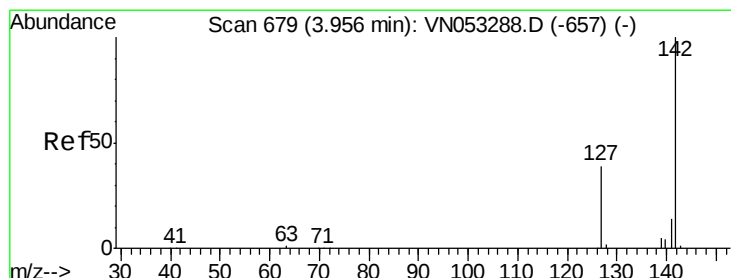
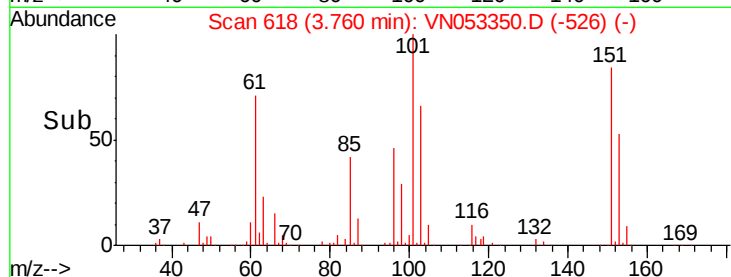
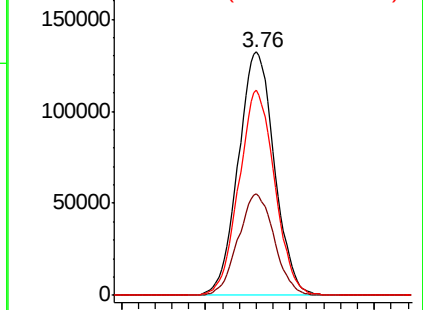
151 83.5 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.808 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

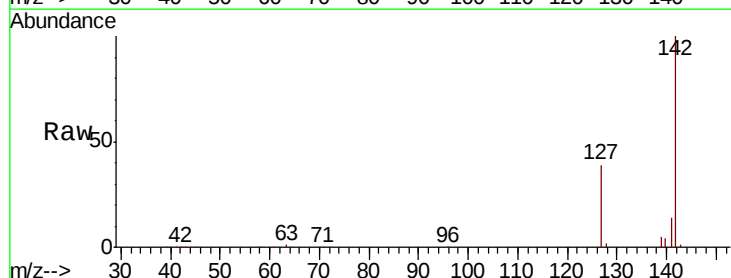
Tgt Ion:142 Resp: 622795

Ion Ratio Lower Upper

142 100

127 38.5 30.9 46.3

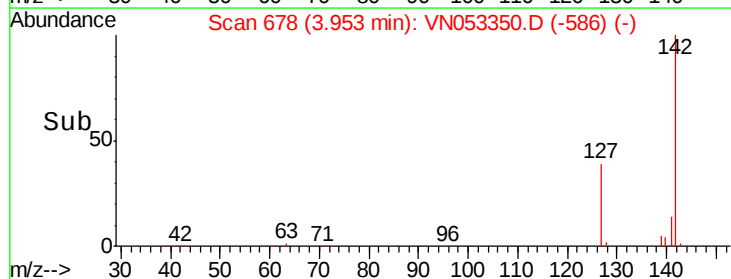
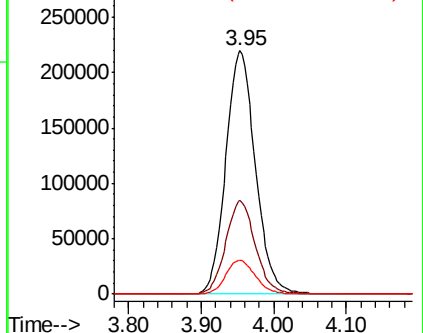
141 14.1 11.2 16.8

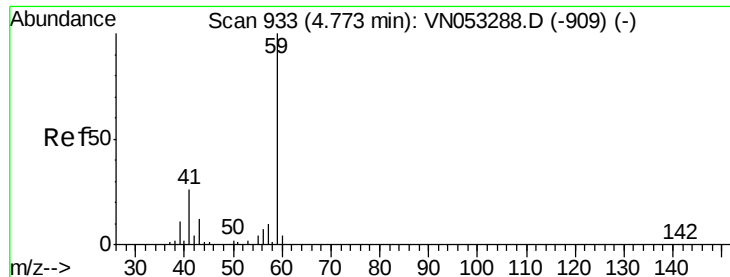


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

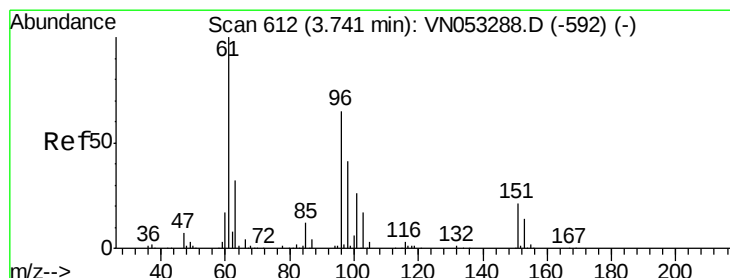
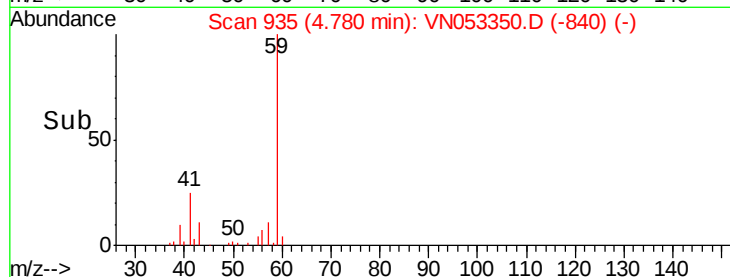
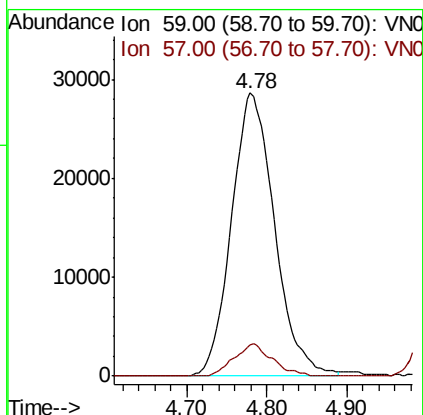
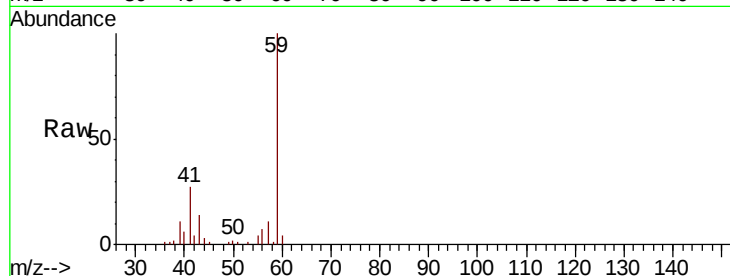




#11
Tert butyl alcohol
Concen: 195.601 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

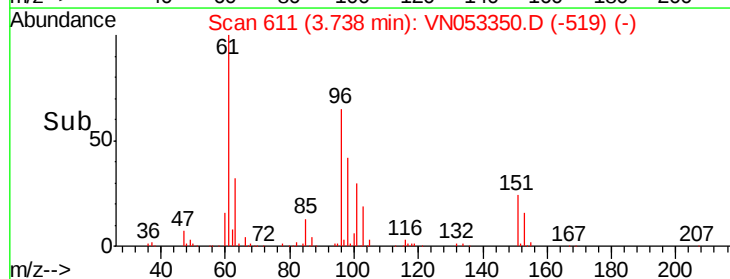
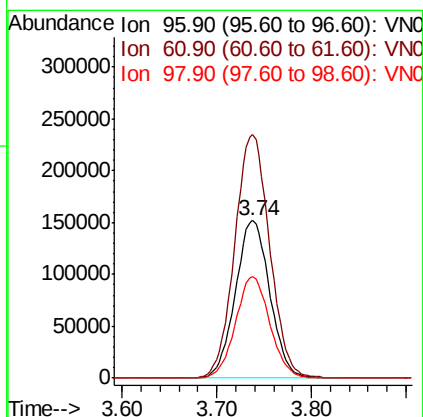
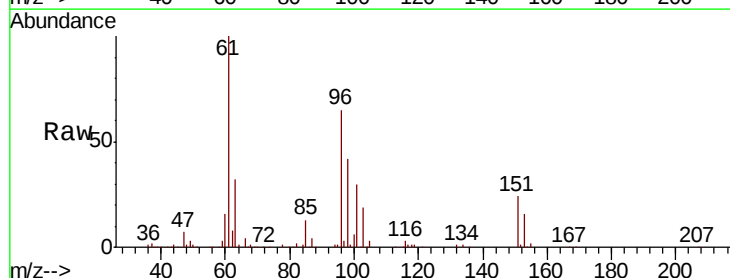
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

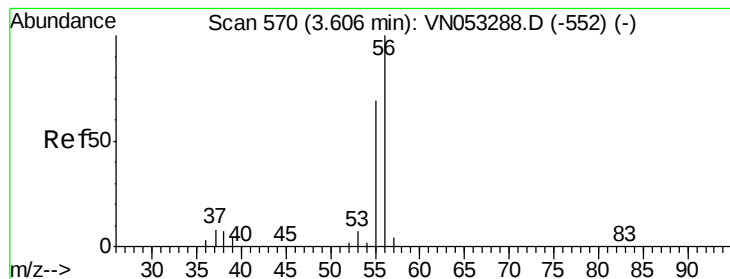
Tgt Ion: 59 Resp: 104774
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 48.272 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 96 Resp: 385551
Ion Ratio Lower Upper
96 100
61 154.8 123.2 184.8
98 64.4 50.5 75.7





#13

Acrolein

Concen: 223.966 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

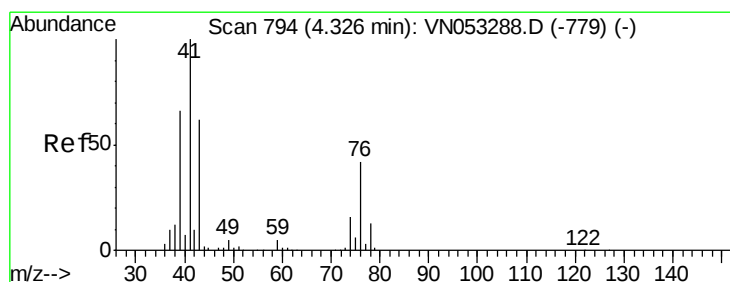
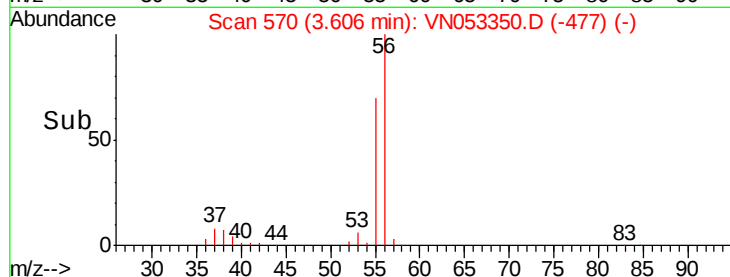
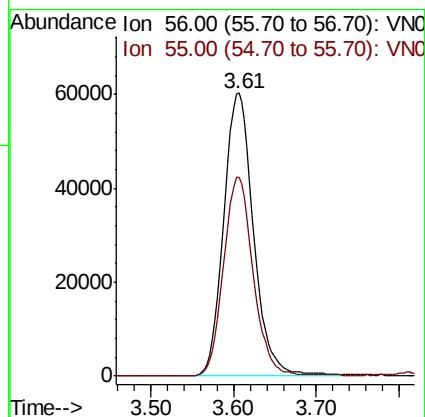
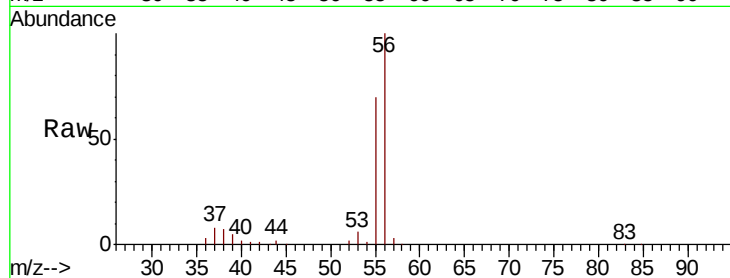
VSTDCCC050EC

Tgt Ion: 56 Resp: 150839

Ion Ratio Lower Upper

56 100

55 69.6 56.3 84.5



#14

Allyl chloride

Concen: 50.461 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

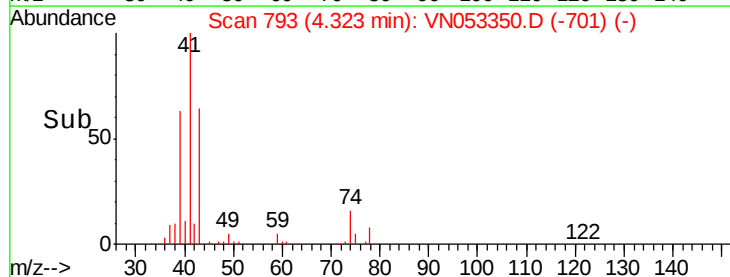
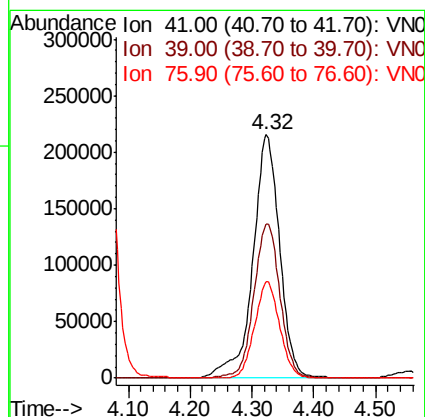
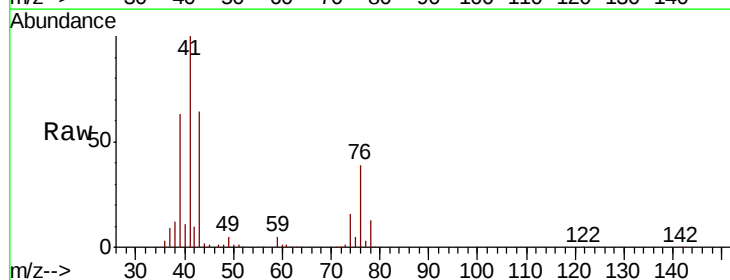
Tgt Ion: 41 Resp: 649591

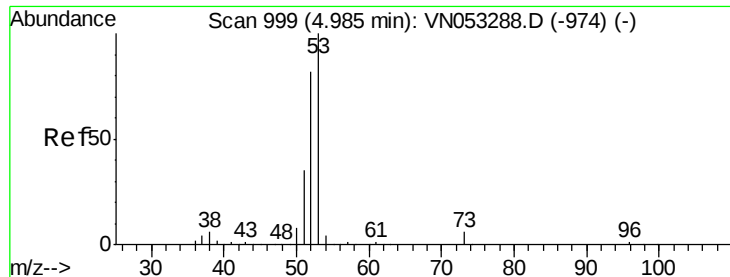
Ion Ratio Lower Upper

41 100

39 61.7 51.9 77.9

76 36.5 31.2 46.8





#15

Acrylonitrile

Concen: 252.373 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

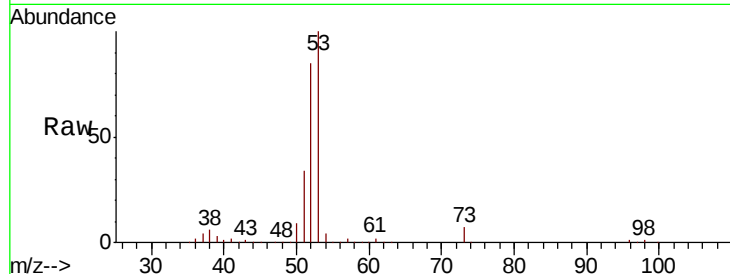
Tgt Ion: 53 Resp: 806993

Ion Ratio Lower Upper

53 100

52 82.9 65.2 97.8

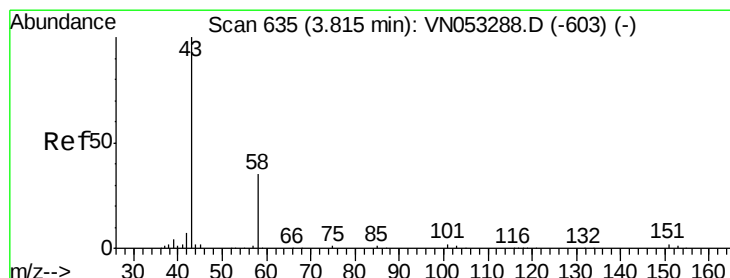
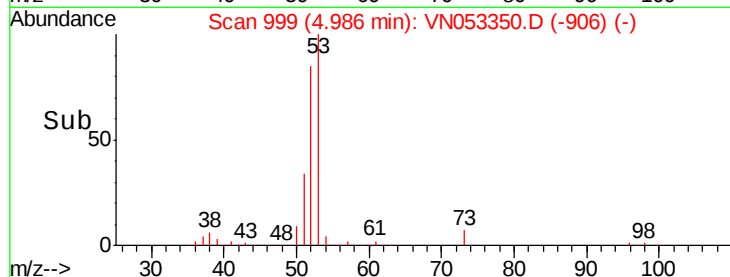
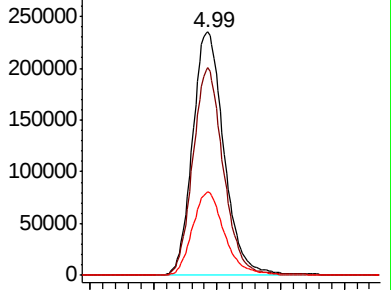
51 35.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN053288.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN053288.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN053288.D (-974) (-)



#16

Acetone

Concen: 233.650 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053350.D

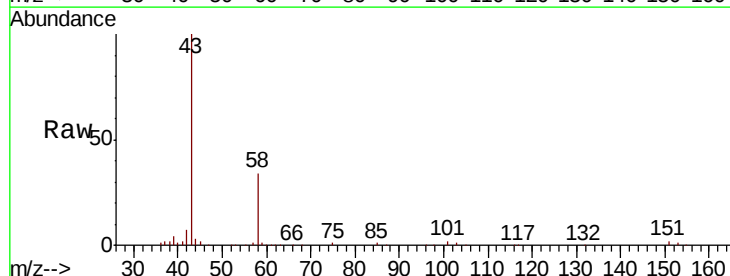
Acq: 10 Jan 2019 19:29

Tgt Ion: 43 Resp: 501100

Ion Ratio Lower Upper

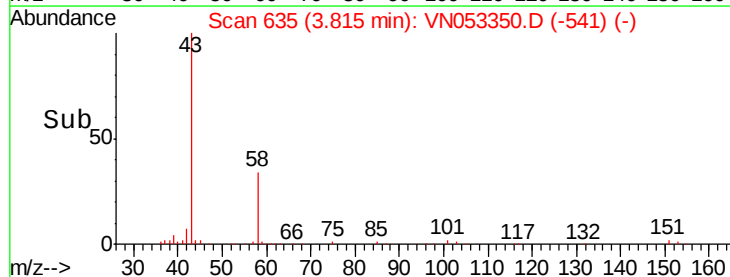
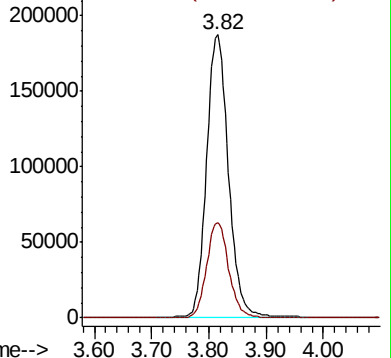
43 100

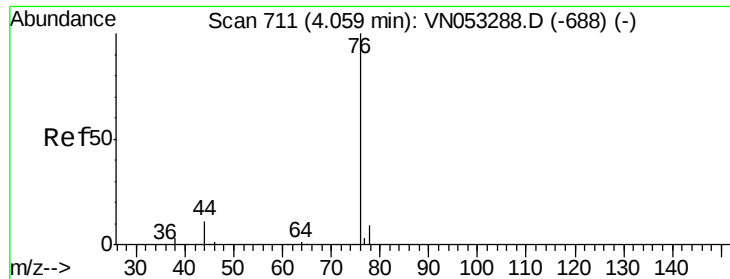
58 33.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

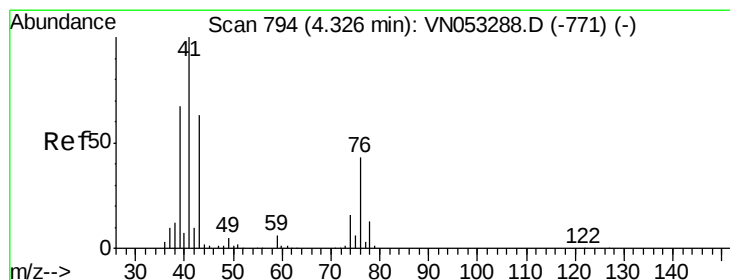
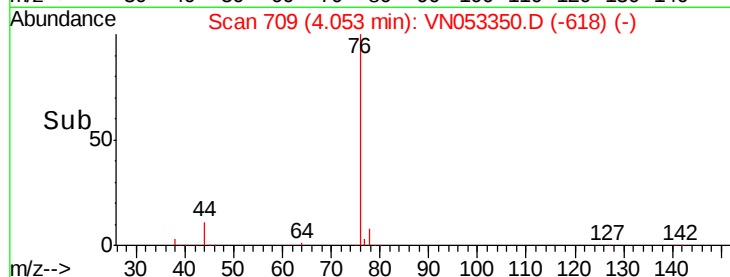
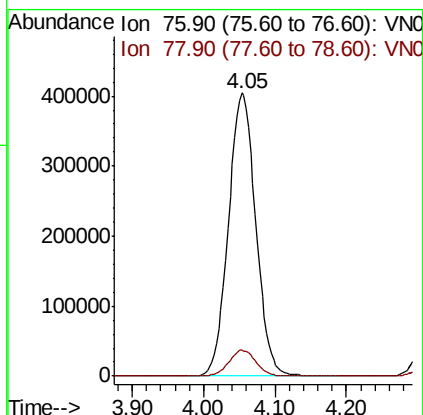
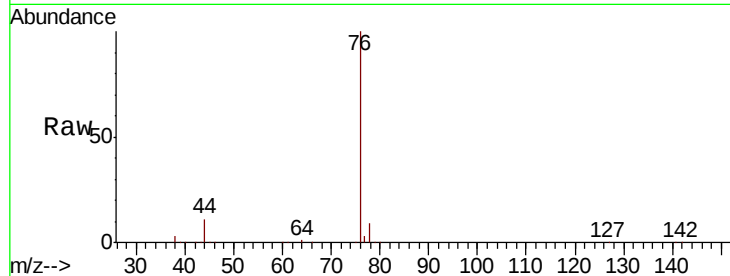




#17
Carbon Disulfide
Concen: 43.865 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.01 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

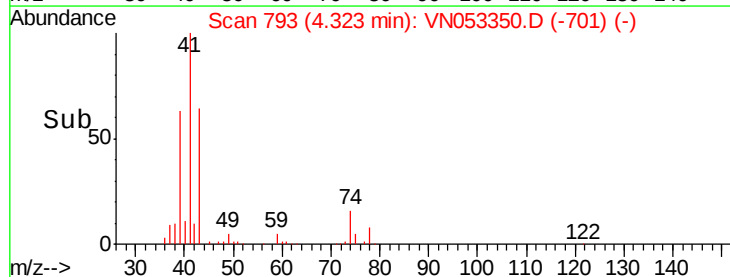
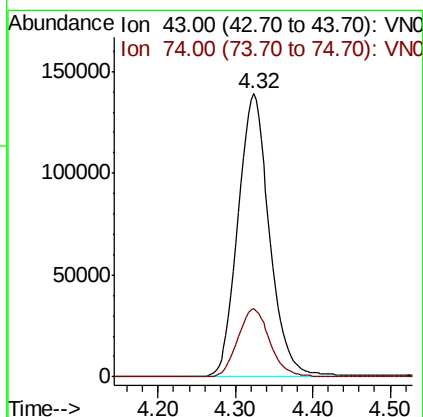
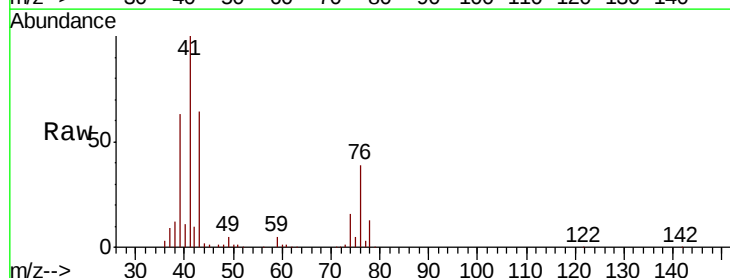
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

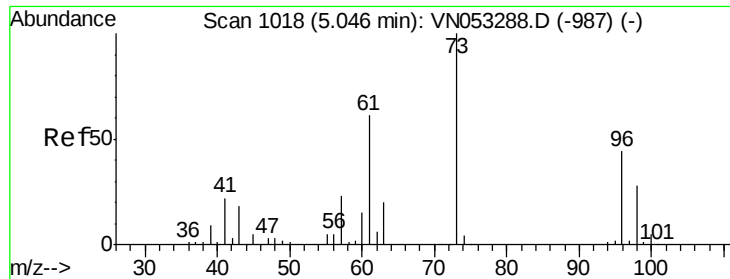
Tgt Ion: 76 Resp: 1080129
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 48.519 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 43 Resp: 391063
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8

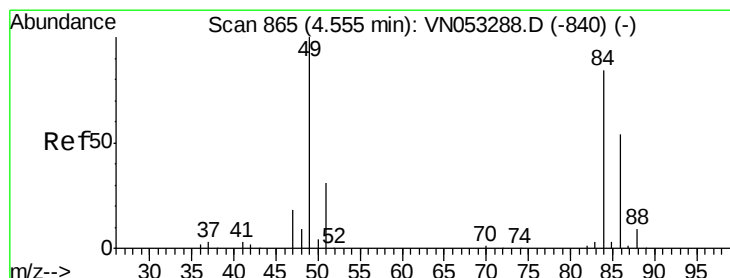
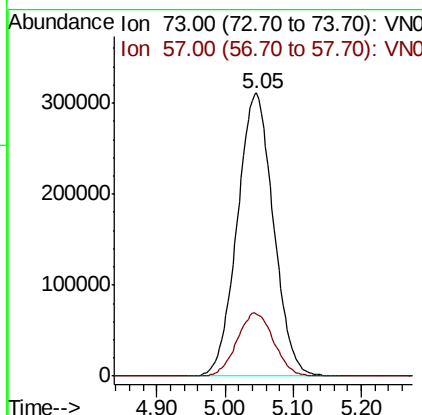
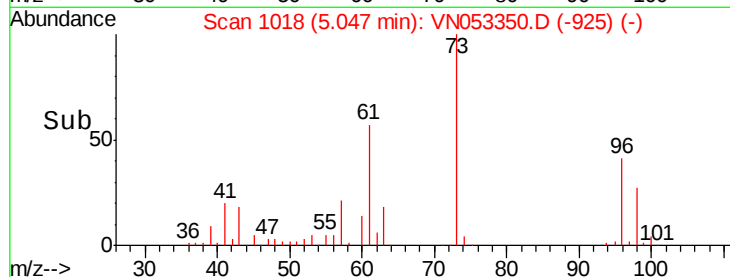
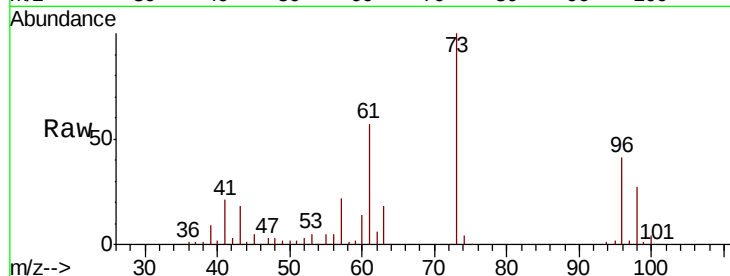




#19
Methyl tert-butyl Ether
Concen: 51.004 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

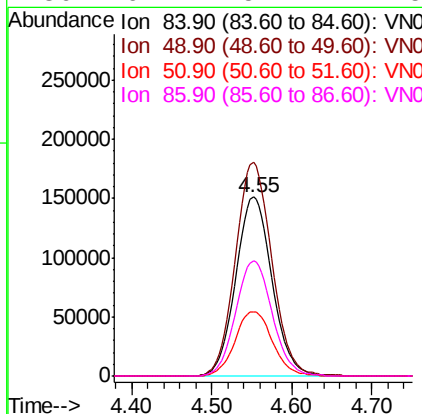
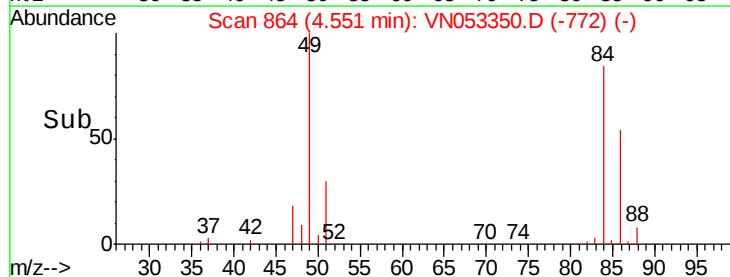
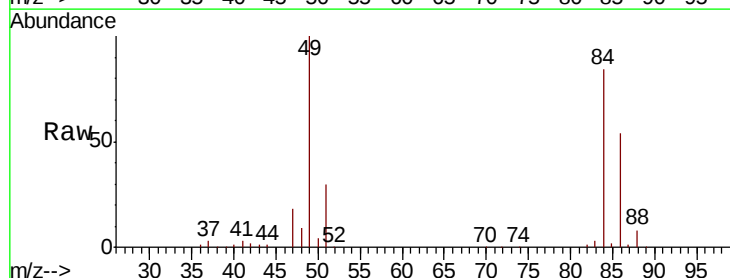
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

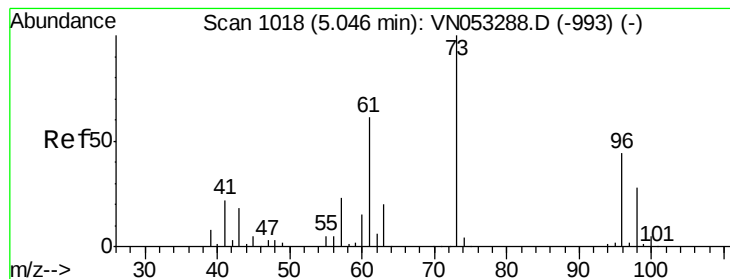
Tgt Ion: 73 Resp: 1143329
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7



#20
Methylene Chloride
Concen: 48.628 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 84 Resp: 465121
Ion Ratio Lower Upper
84 100
49 119.3 95.3 142.9
51 35.9 29.0 43.6
86 64.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.378 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

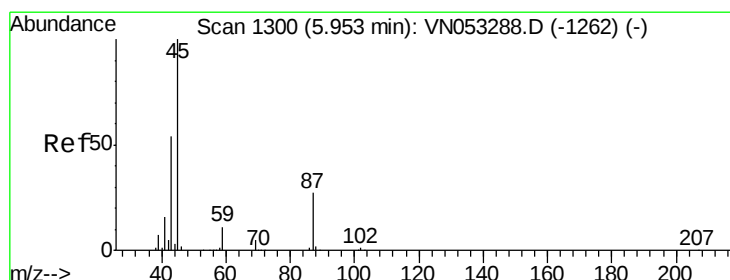
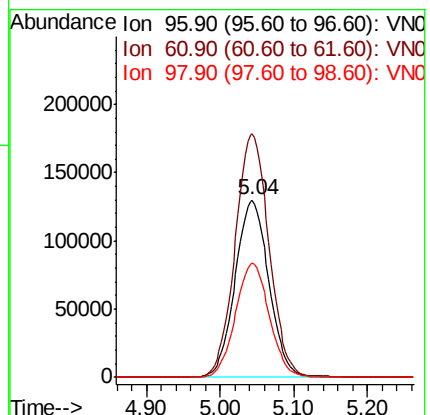
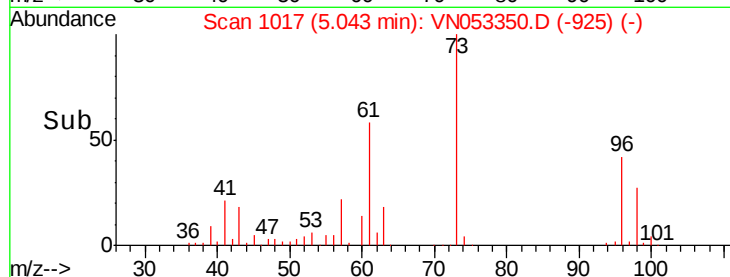
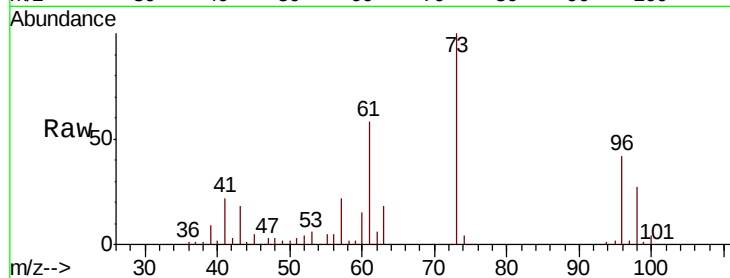
Tgt Ion: 96 Resp: 414886

Ion Ratio Lower Upper

96 100

61 137.4 110.2 165.4

98 64.5 50.7 76.1



#22

Diisopropyl ether

Concen: 51.309 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Tgt Ion: 45 Resp: 1422919

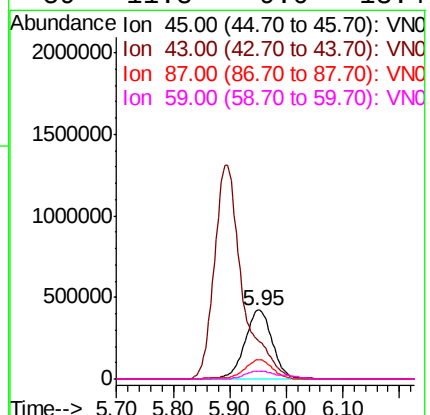
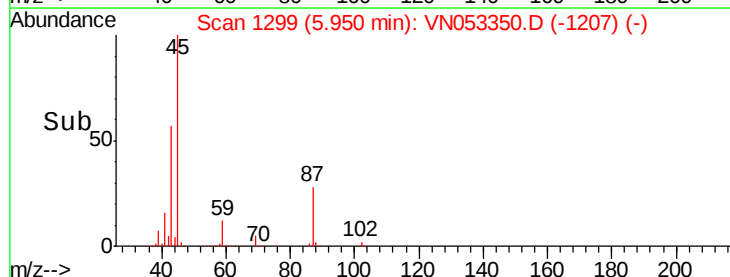
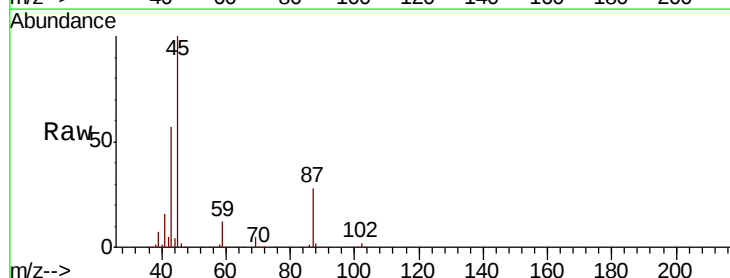
Ion Ratio Lower Upper

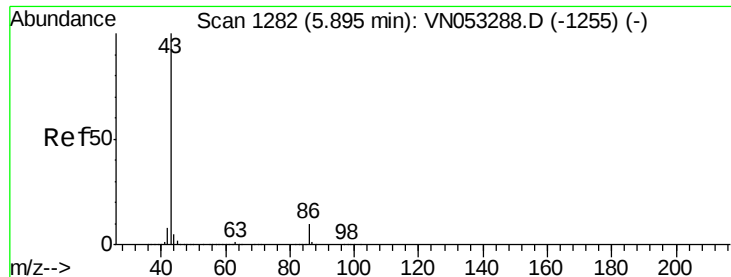
45 100

43 56.1 43.0 64.6

87 28.3 22.1 33.1

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 258.820 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

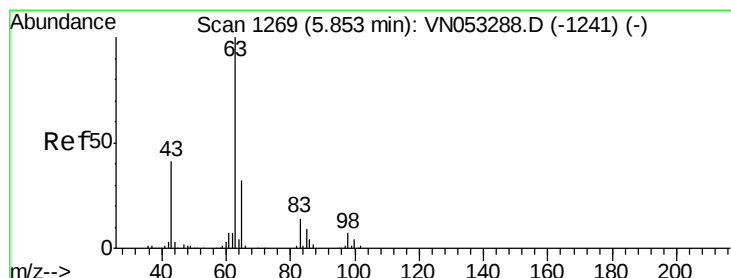
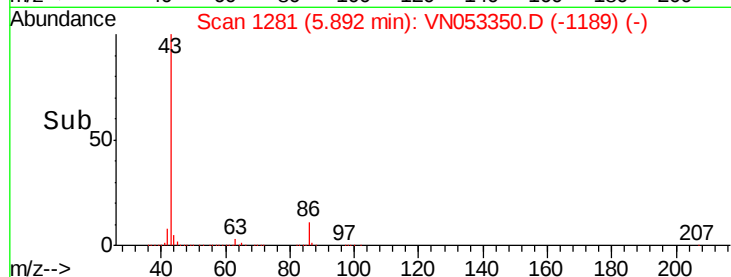
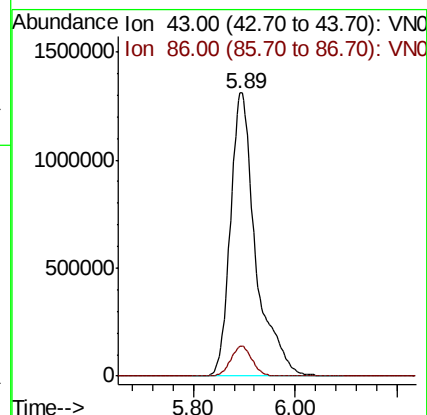
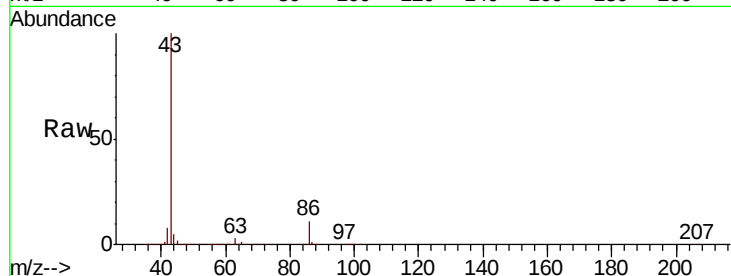
VSTDCCC050EC

Tgt Ion: 43 Resp: 4516290

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 49.957 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

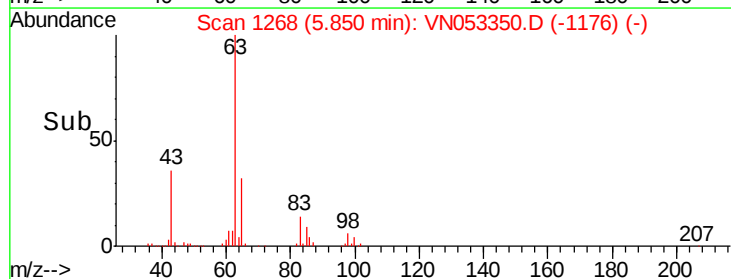
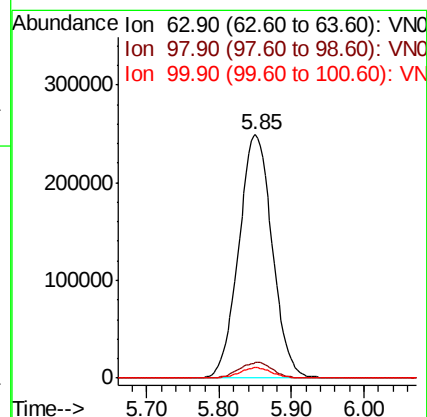
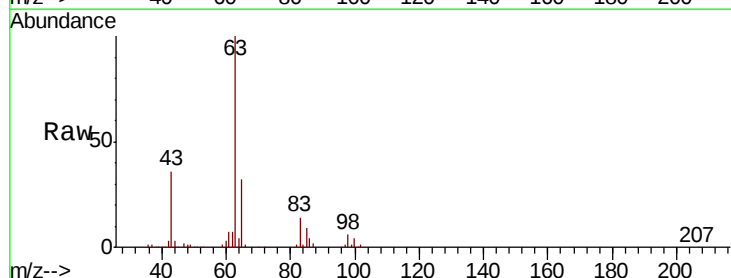
Tgt Ion: 63 Resp: 799043

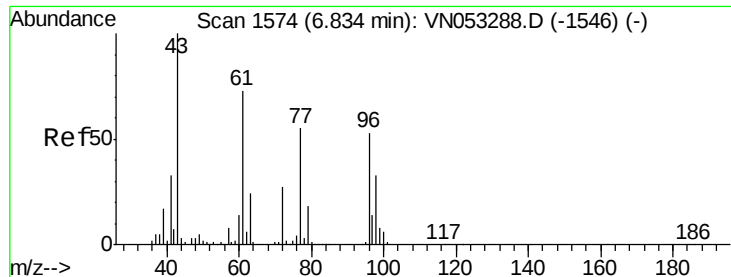
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.3 2.1 6.5

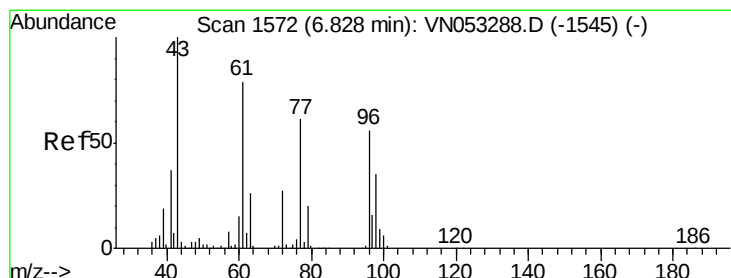
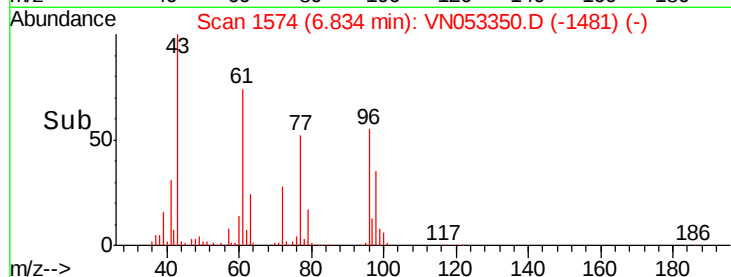
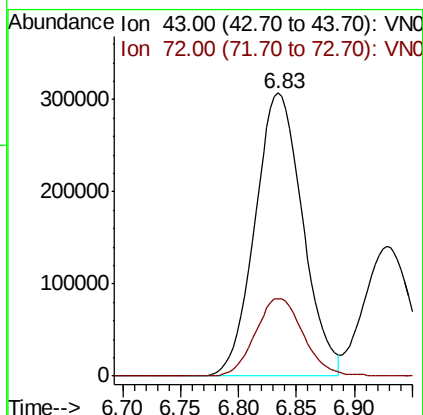
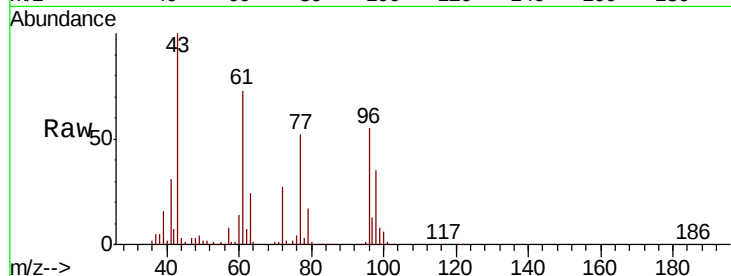




#25
2-Butanone
Concen: 239.445 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

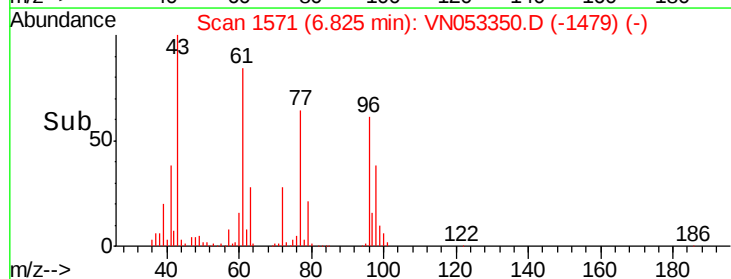
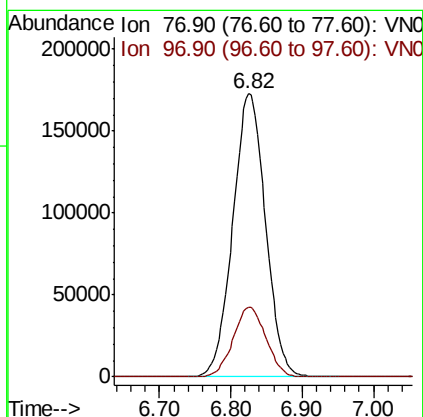
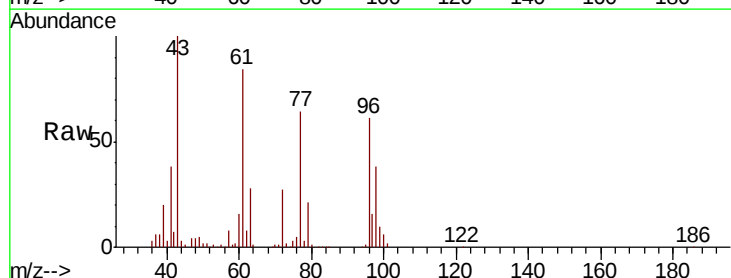
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

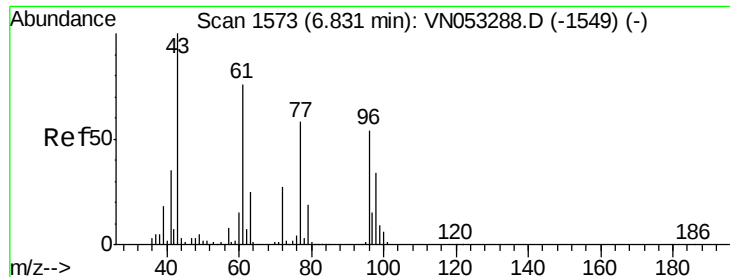
Tgt Ion: 43 Resp: 874841
Ion Ratio Lower Upper
43 100
72 27.5 22.0 33.0



#26
2,2-Dichloropropane
Concen: 47.127 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 77 Resp: 551005
Ion Ratio Lower Upper
77 100
97 24.8 12.3 36.9

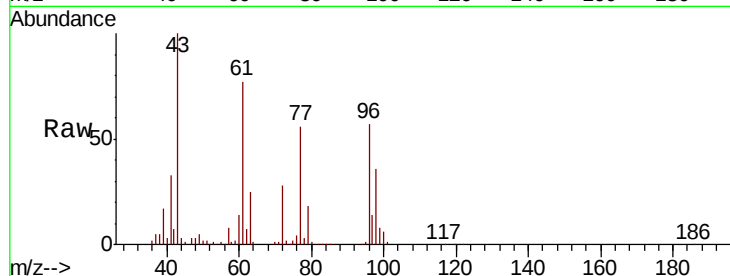




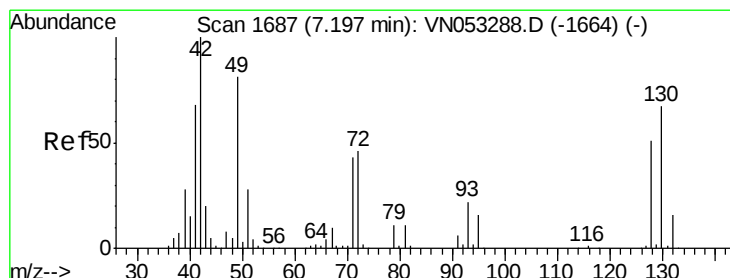
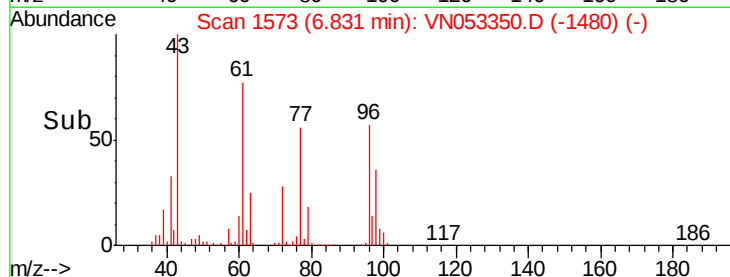
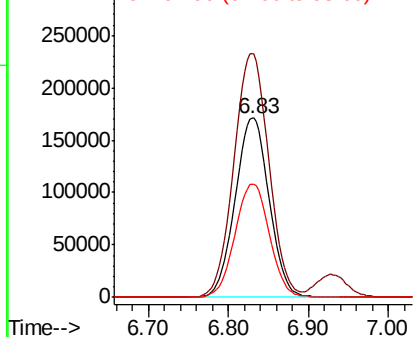
#27
 cis-1,2-Dichloroethene
 Concen: 50.293 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 492534
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 280.6
 98 64.1 0.0 127.6

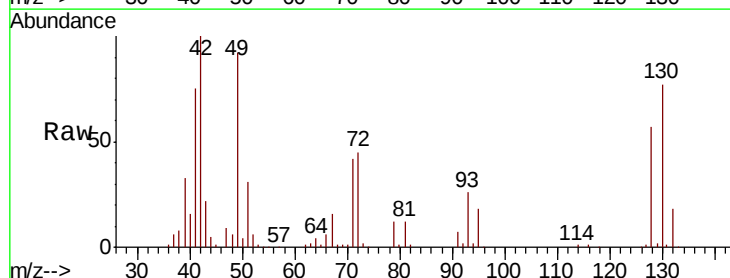


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

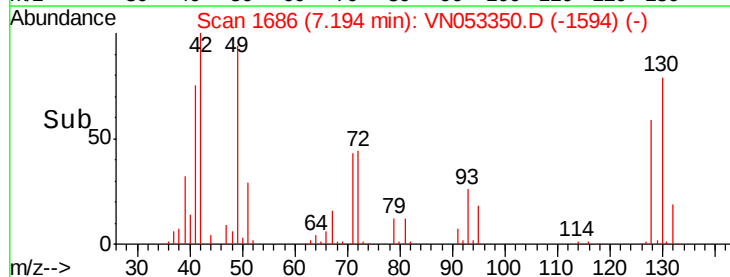
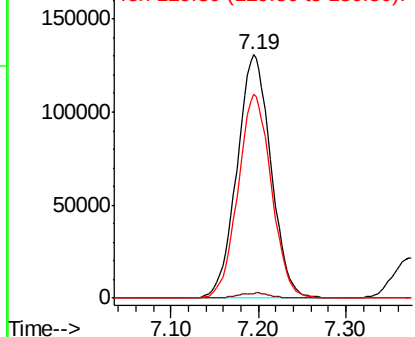


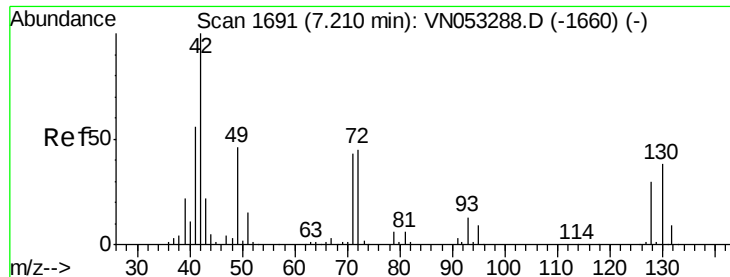
#28
 Bromochloromethane
 Concen: 51.653 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 49 Resp: 352063
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.3 65.4 98.0



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

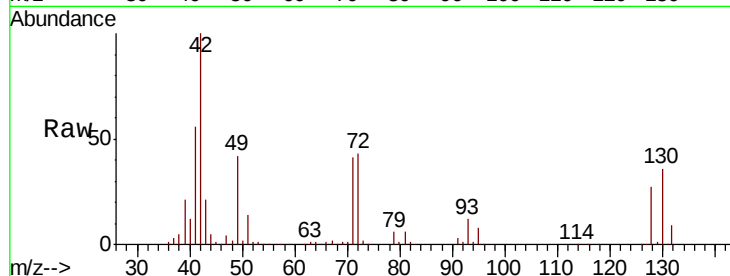




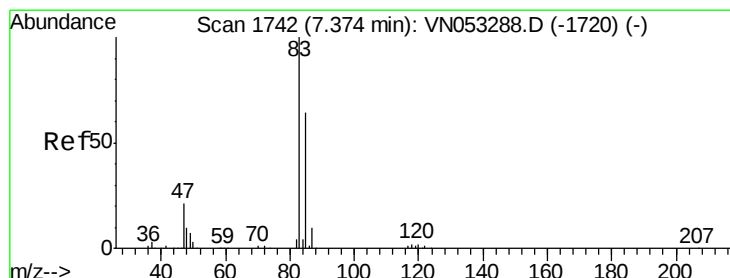
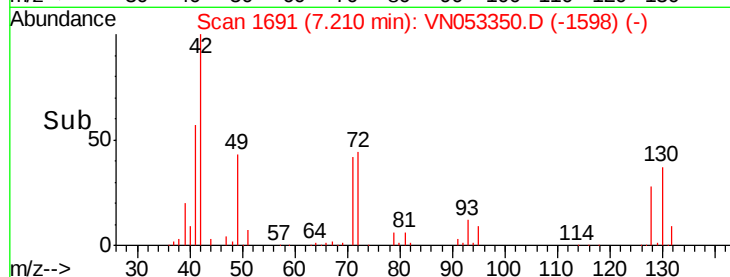
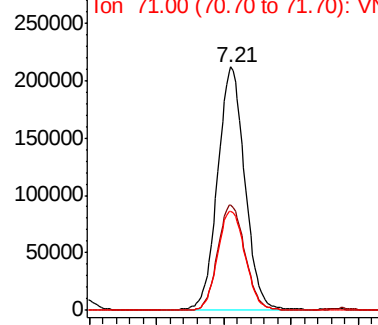
#29
Tetrahydrofuran
Concen: 247.282 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 596210
Ion Ratio Lower Upper
42 100
72 43.5 35.6 53.4
71 41.4 33.8 50.8

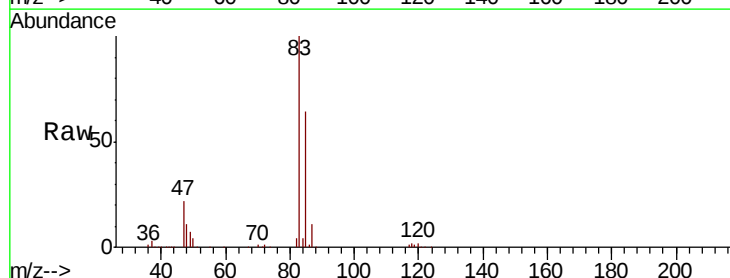


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

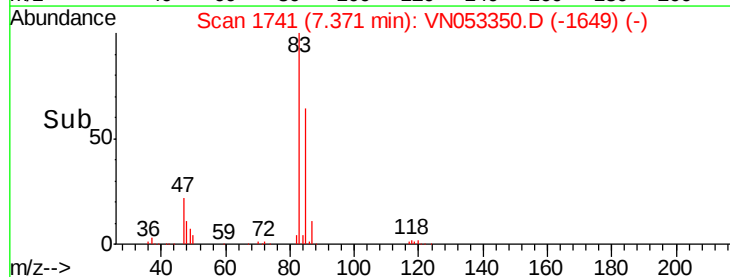
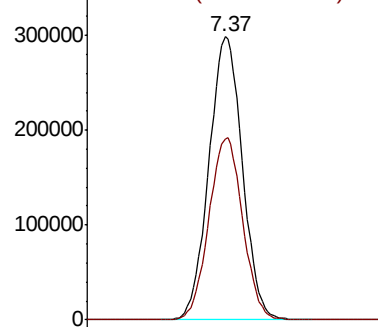


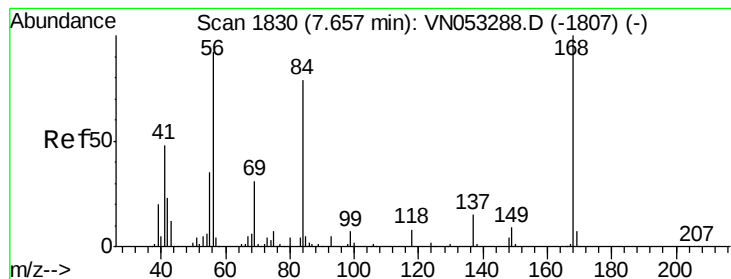
#30
Chloroform
Concen: 49.426 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 83 Resp: 778121
Ion Ratio Lower Upper
83 100
85 63.9 51.3 76.9



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





#31

Cyclohexane

Concen: 48.634 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

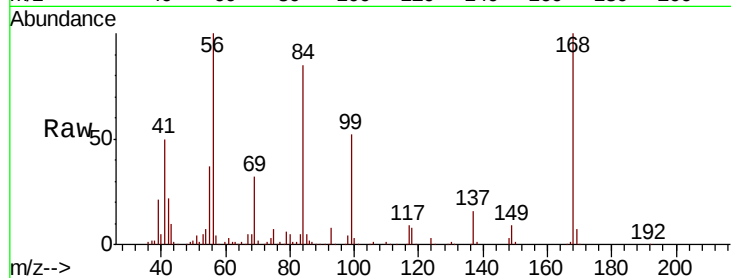
Tgt Ion: 56 Resp: 739286

Ion Ratio Lower Upper

56 100

69 32.2 26.7 40.1

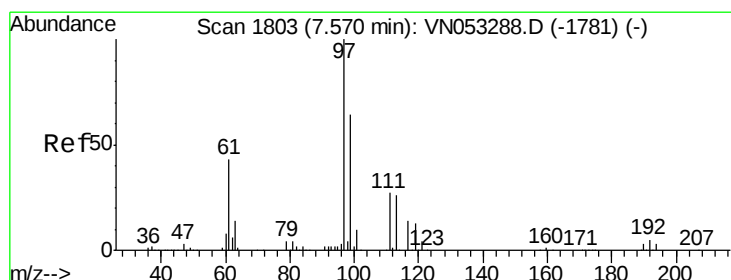
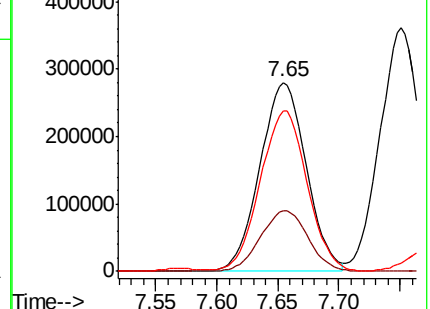
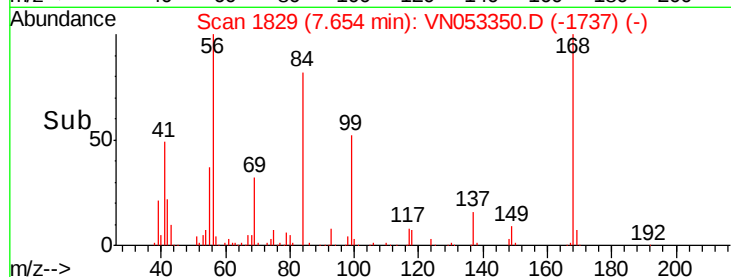
84 84.0 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VN053350.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN053350.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN053350.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 49.131 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

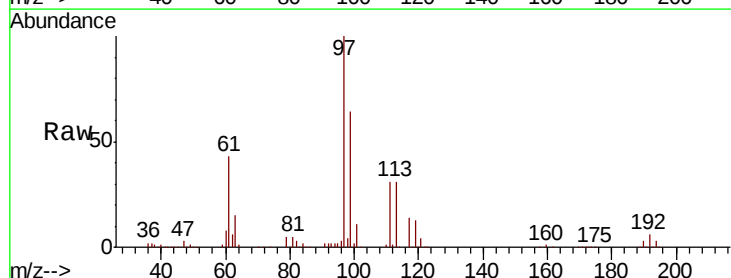
Tgt Ion: 97 Resp: 644540

Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

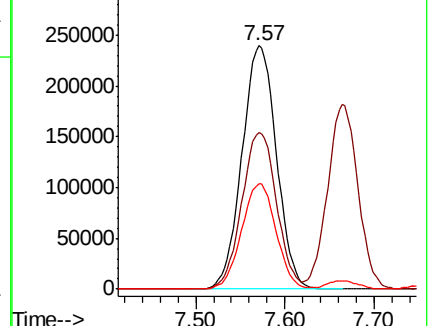
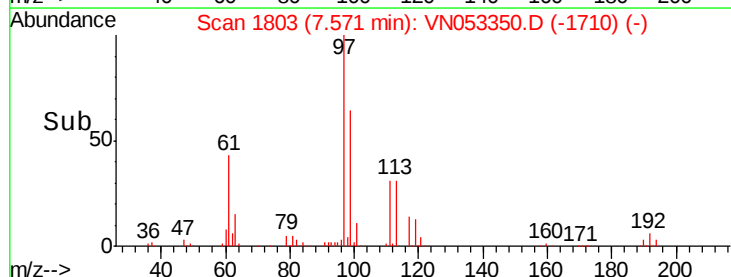
61 43.3 34.6 52.0

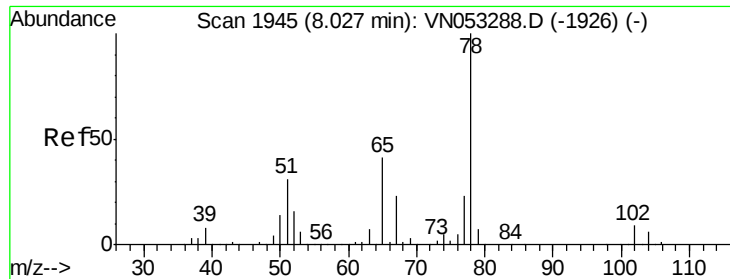


Abundance Ion 96.90 (96.60 to 97.60): VN053350.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053350.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053350.D (-1710) (-)

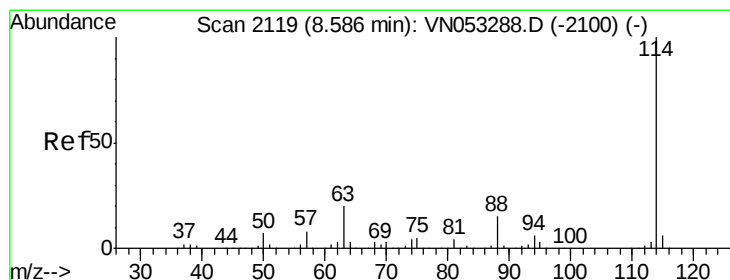
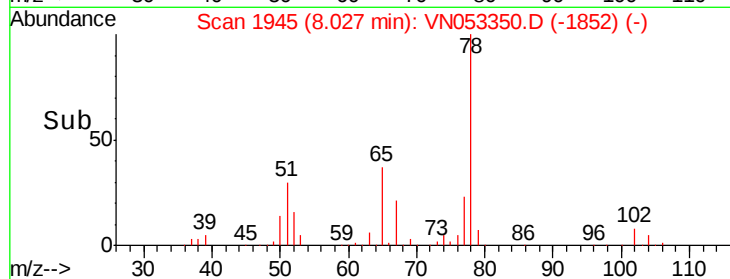
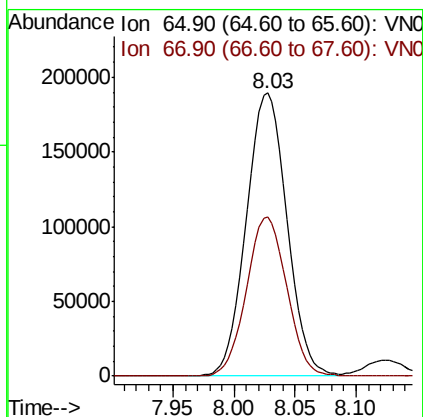
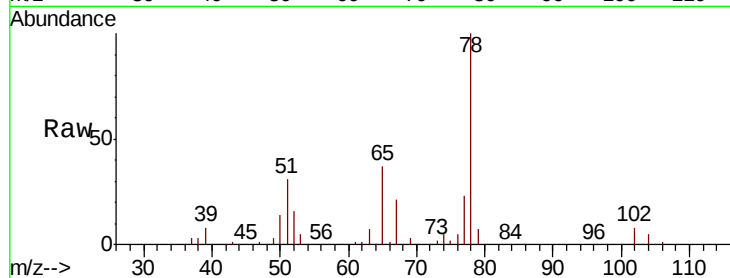




#33
 1,2-Dichloroethane-d4
 Concen: 49.131 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

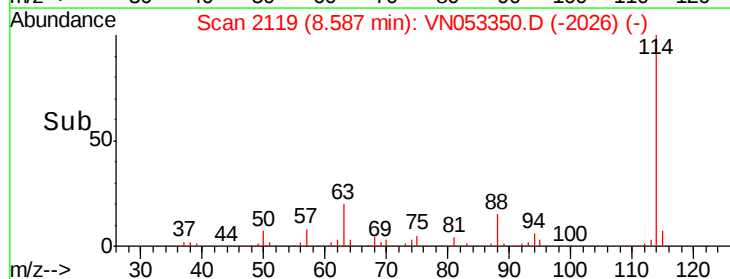
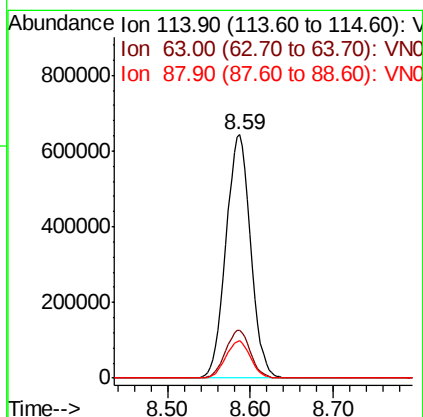
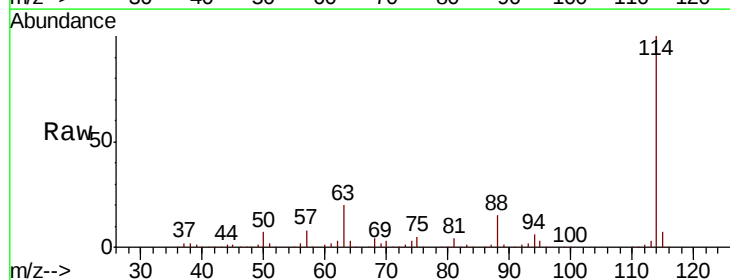
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

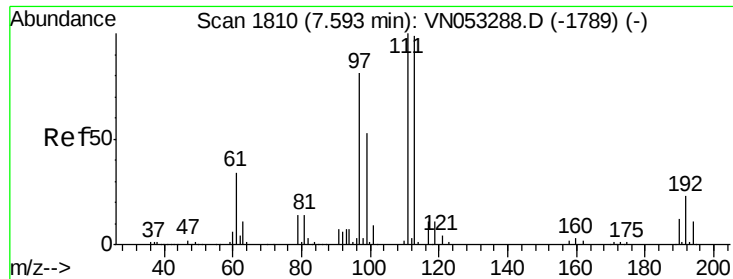
Tgt Ion: 65 Resp: 437102
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 114 Resp: 1330933
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.2 0.0 30.8

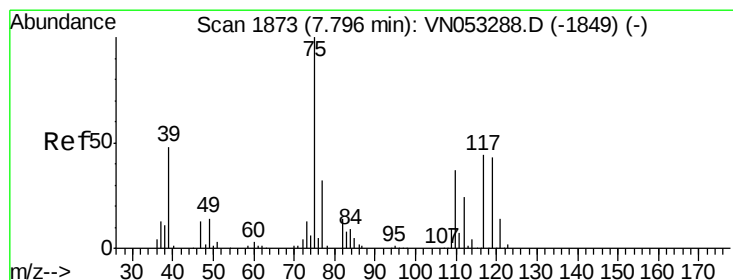
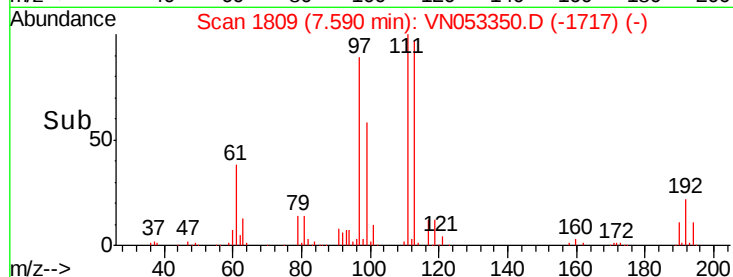
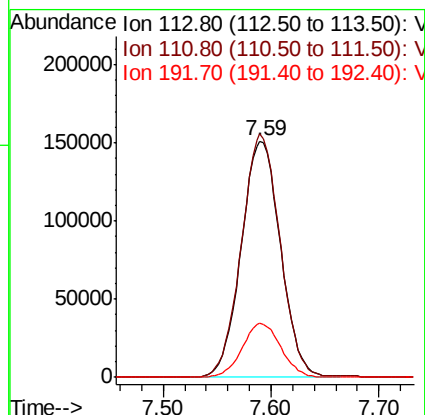
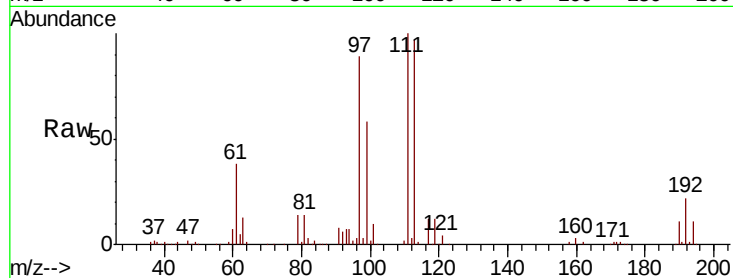




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

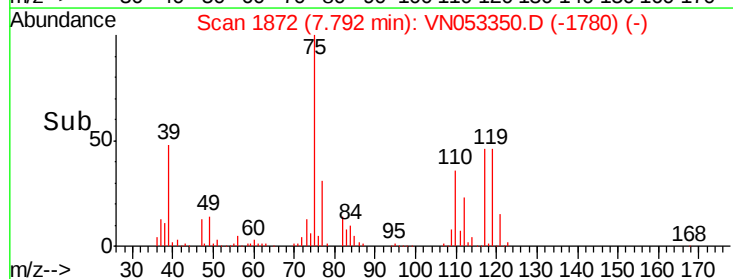
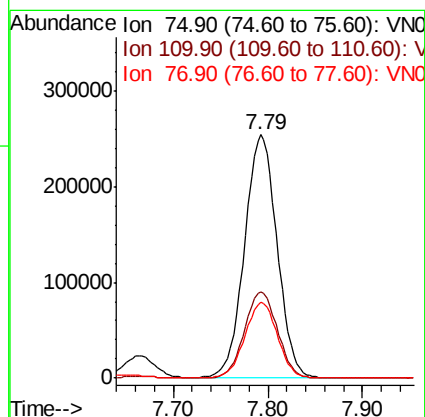
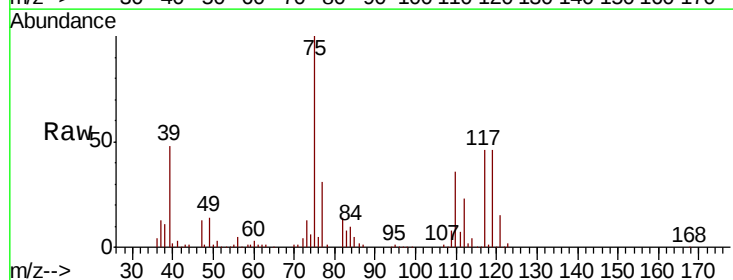
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

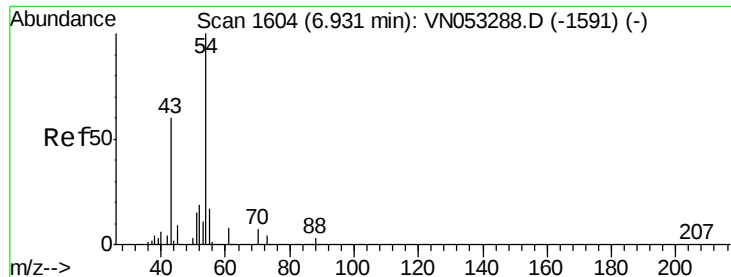
Tgt Ion: 113 Resp: 383395
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.2
 192 22.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 48.774 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 75 Resp: 606024
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.4 55.0
 77 31.6 25.3 37.9

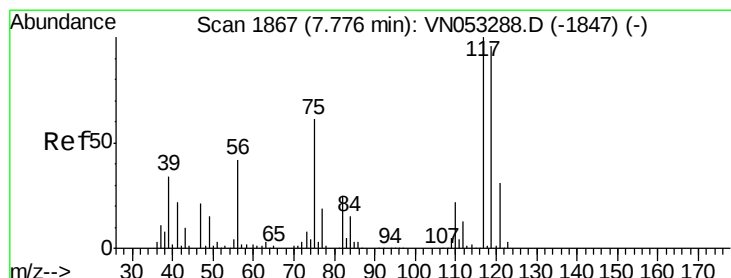
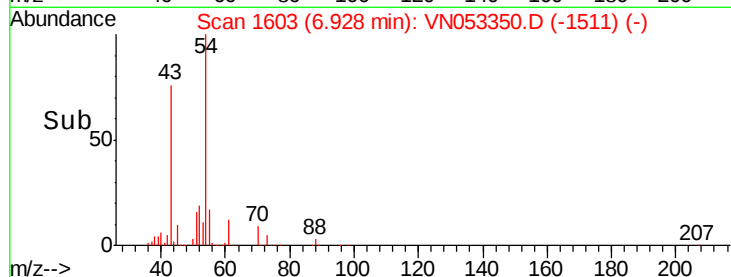
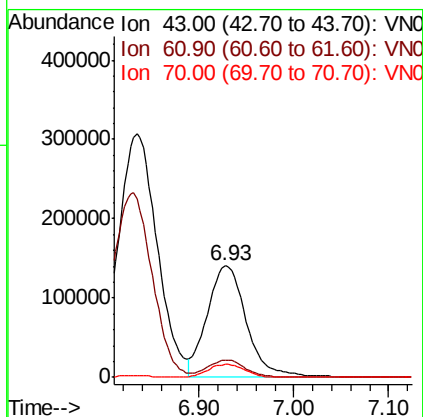
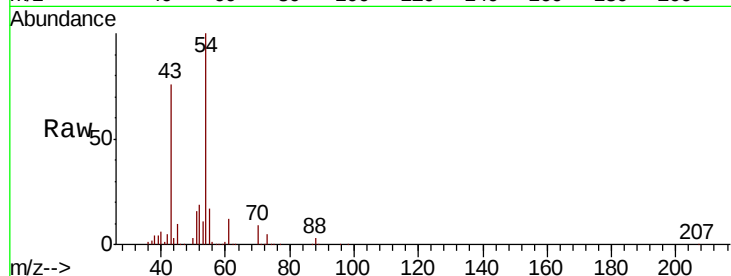




#37
 Ethyl Acetate
 Concen: 49.295 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

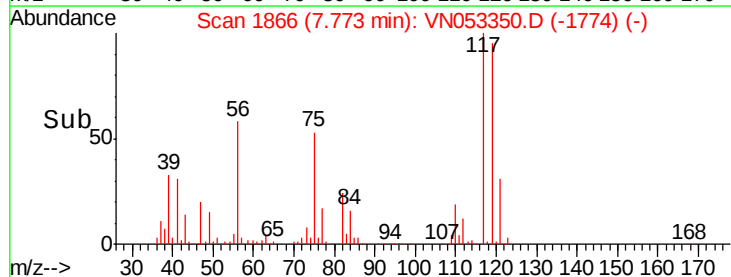
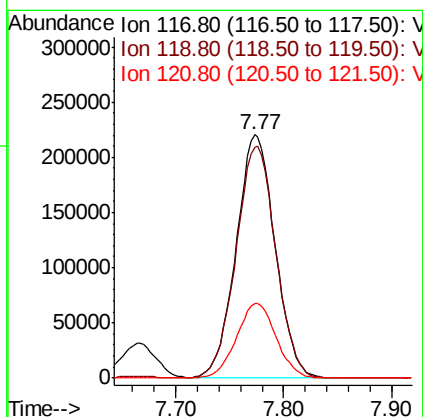
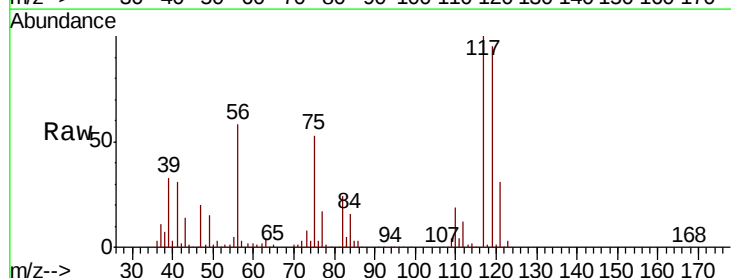
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

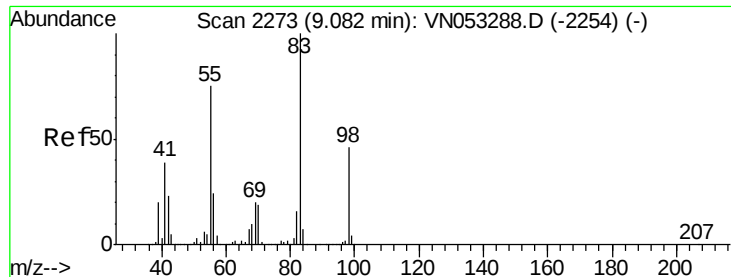
Tgt Ion: 43 Resp: 398960
 Ion Ratio Lower Upper
 43 100
 61 15.3 11.9 17.9
 70 11.2 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 48.043 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 117 Resp: 550980
 Ion Ratio Lower Upper
 117 100
 119 95.1 76.6 115.0
 121 30.8 25.0 37.4

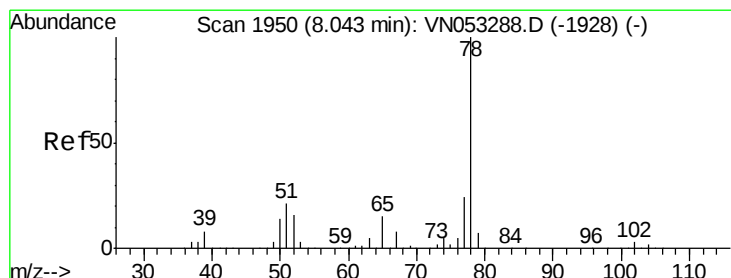
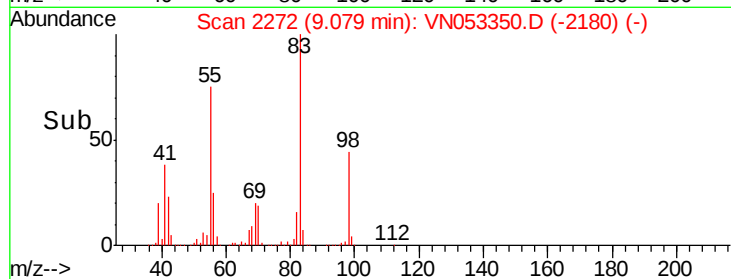
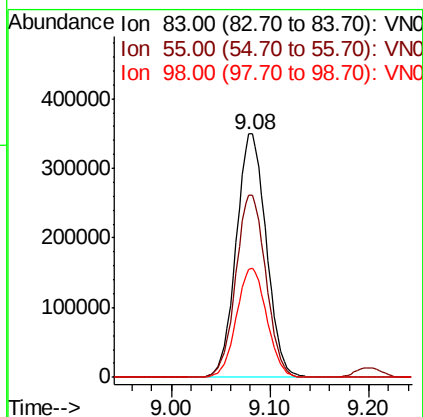
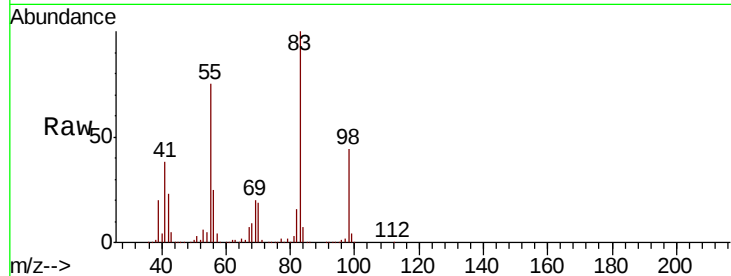




#39
Methylcyclohexane
Concen: 51.334 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

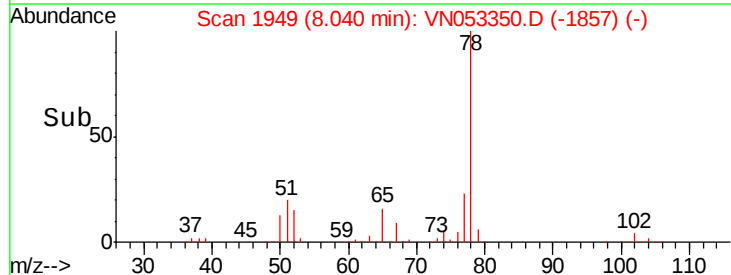
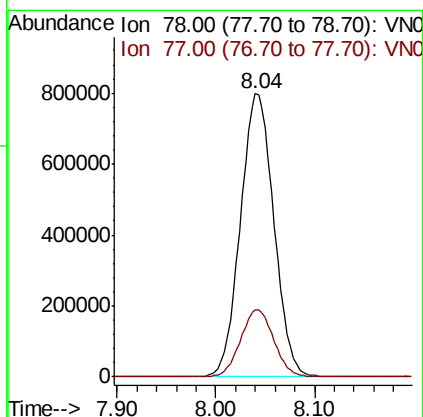
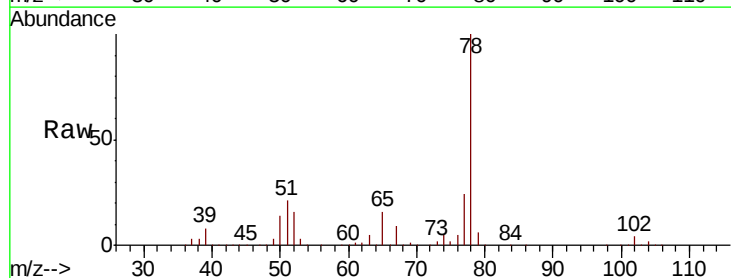
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

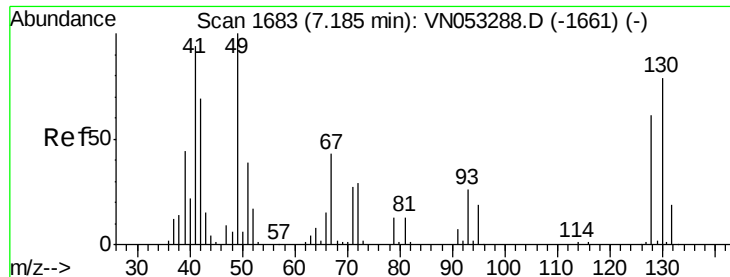
Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.1	90.1
98	44.1	36.7	55.1



#40
Benzene
Concen: 49.232 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41

Methacrylonitrile

Concen: 43.274 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 217434

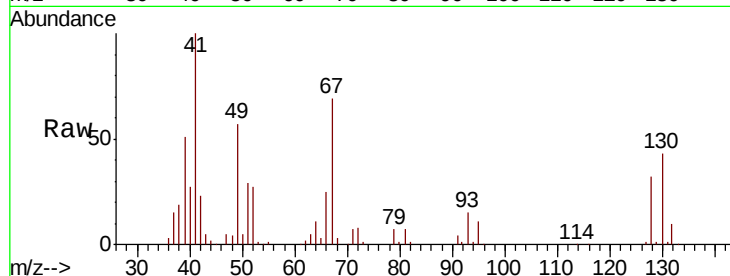
Ion Ratio Lower Upper

41 100

39 59.5 0.0 0.0#

67 87.4 0.0 0.0#

52 32.8 0.0 0.0#

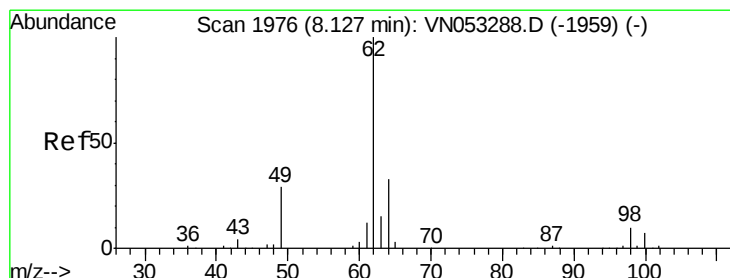
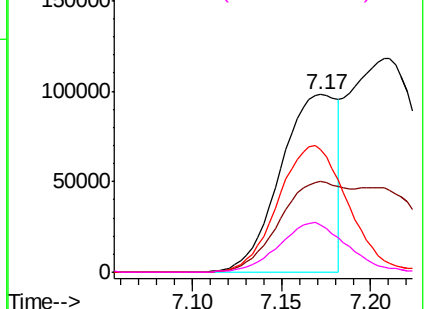
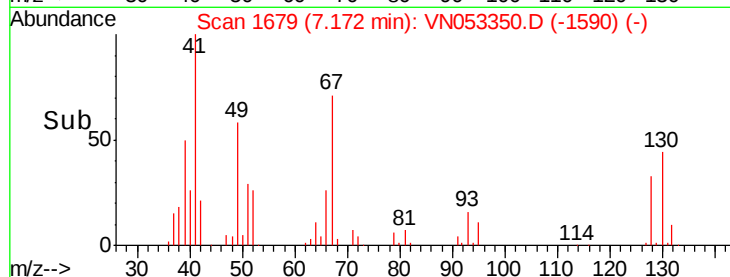


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 48.908 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN053350.D

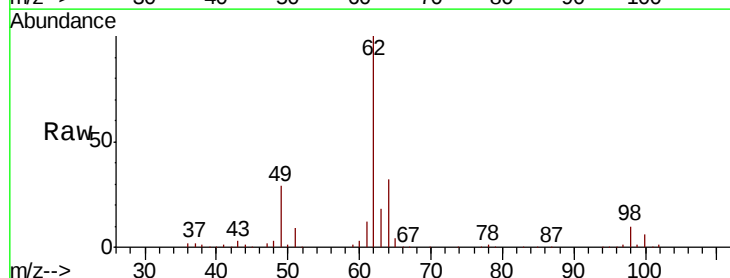
Acq: 10 Jan 2019 19:29

Tgt Ion: 62 Resp: 550617

Ion Ratio Lower Upper

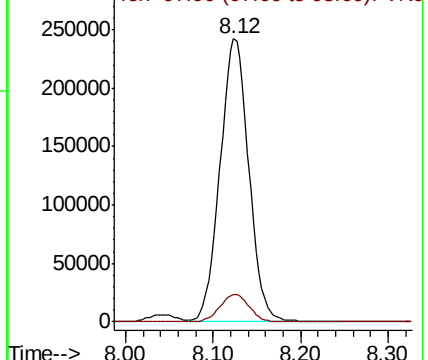
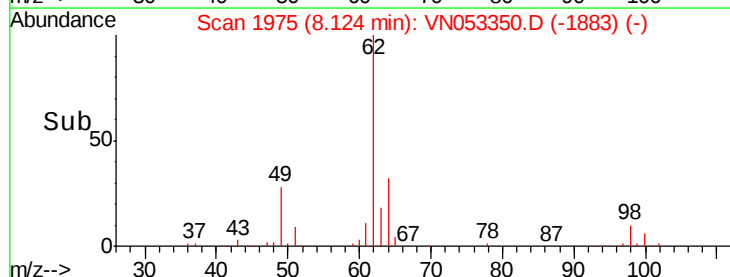
62 100

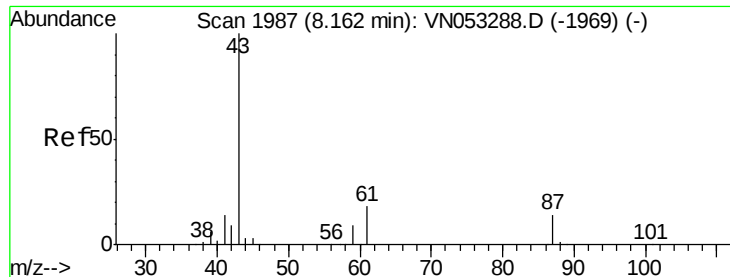
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 45.874 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

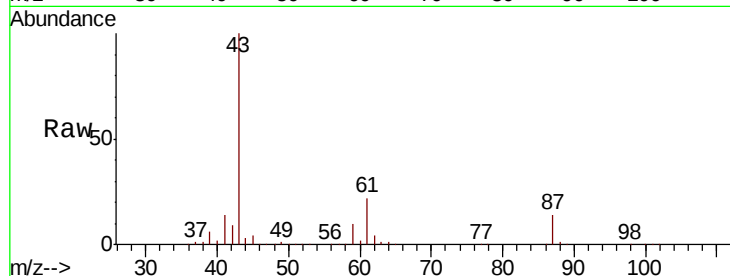
Tgt Ion: 43 Resp: 730369

Ion Ratio Lower Upper

43 100

61 28.9 23.3 34.9

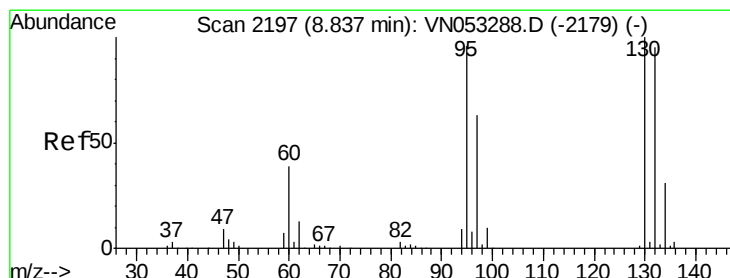
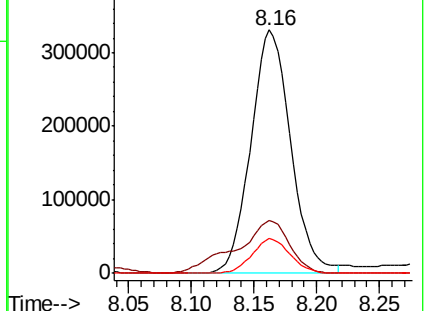
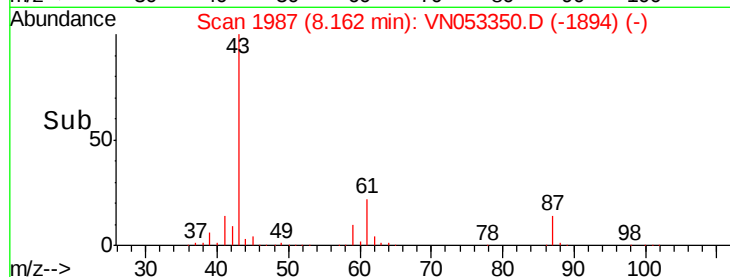
87 13.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053350.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053350.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053350.D (-1894) (-)



#44

Trichloroethene

Concen: 48.537 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053350.D

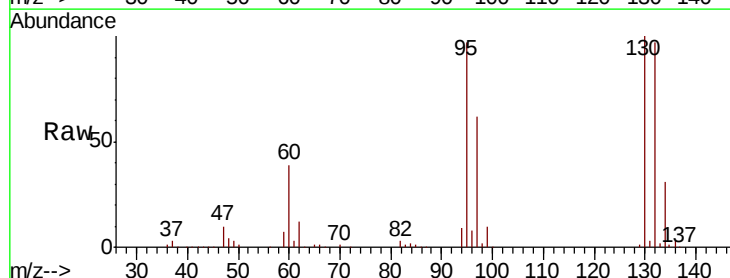
Acq: 10 Jan 2019 19:29

Tgt Ion: 130 Resp: 505834

Ion Ratio Lower Upper

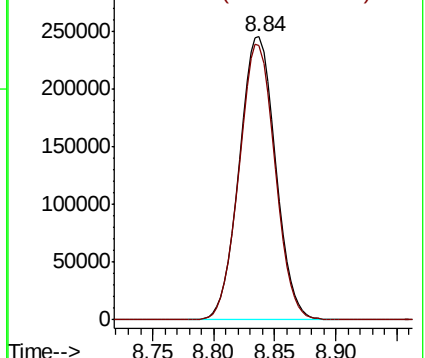
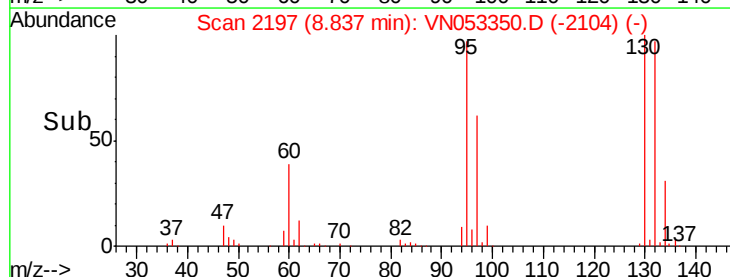
130 100

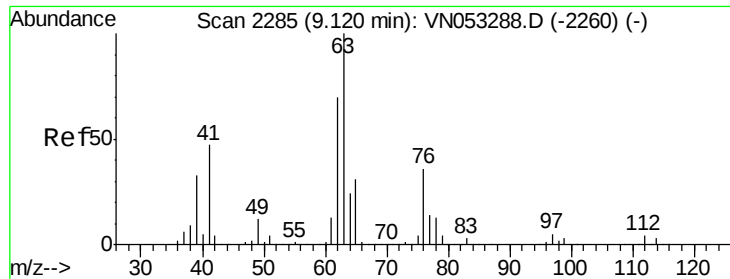
95 96.7 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053350.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053350.D (-2104) (-)

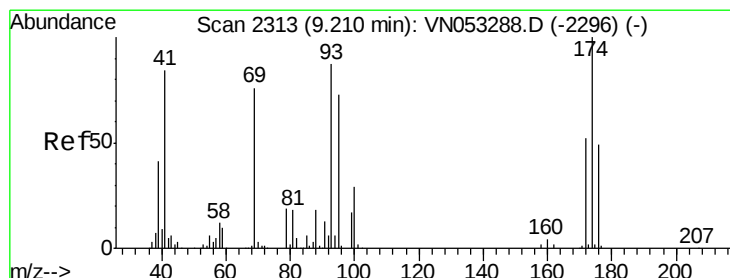
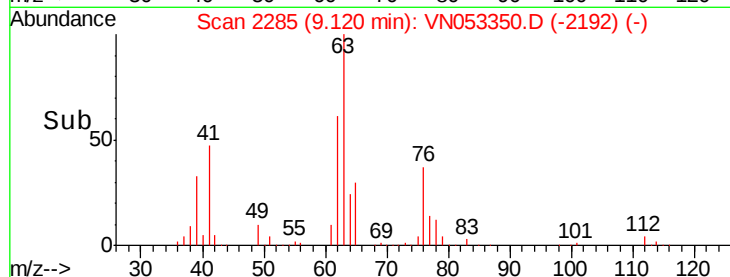
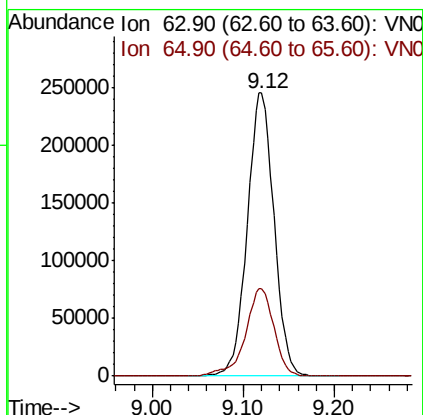
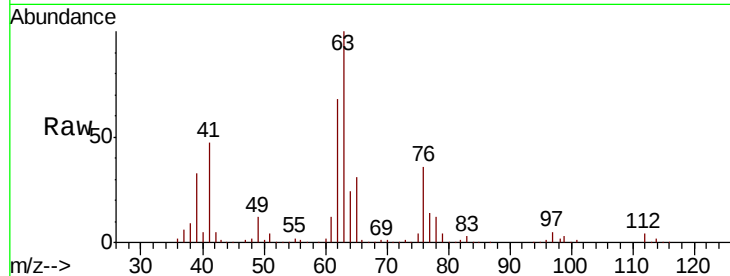




#45
 1,2-Dichloropropane
 Concen: 50.158 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

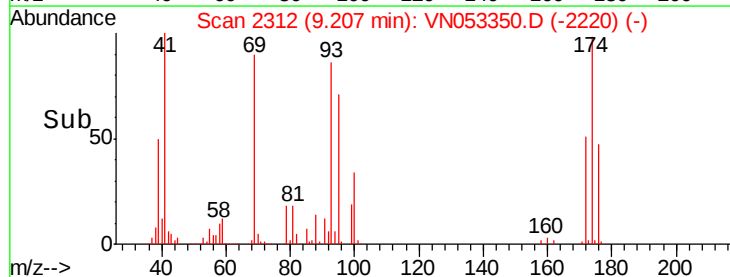
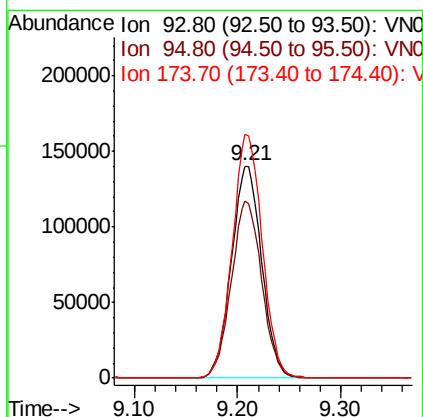
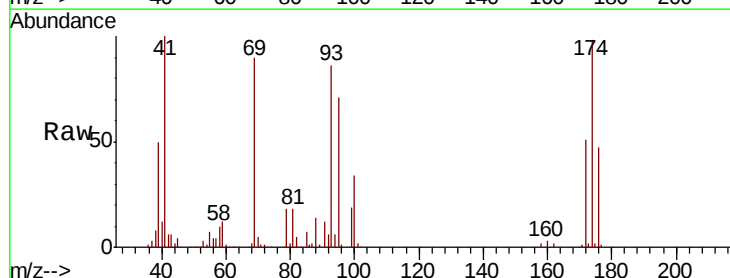
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

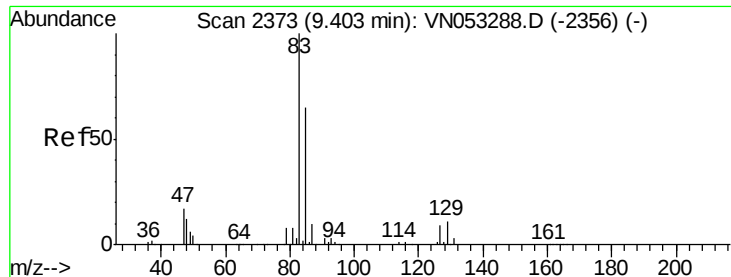
Tgt Ion: 63 Resp: 499302
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.6



#46
 Dibromomethane
 Concen: 49.476 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 93 Resp: 287163
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 114.1 91.4 137.0





#47

Bromodichloromethane

Concen: 49.328 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

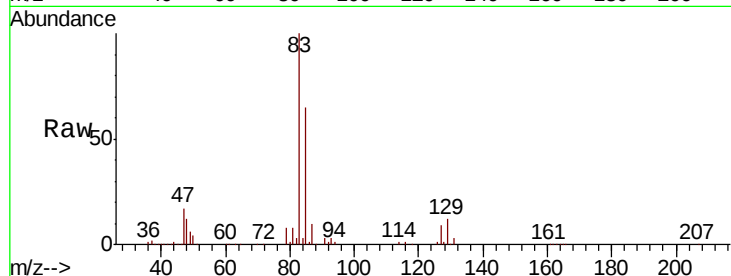
Tgt Ion: 83 Resp: 596646

Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5

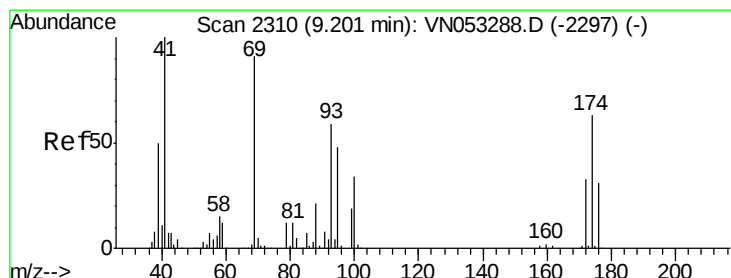
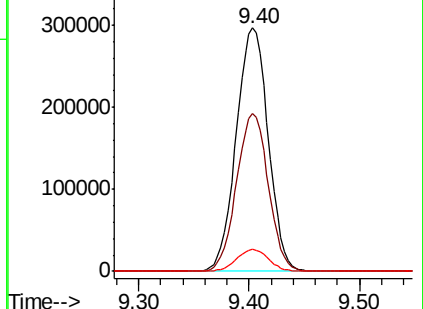
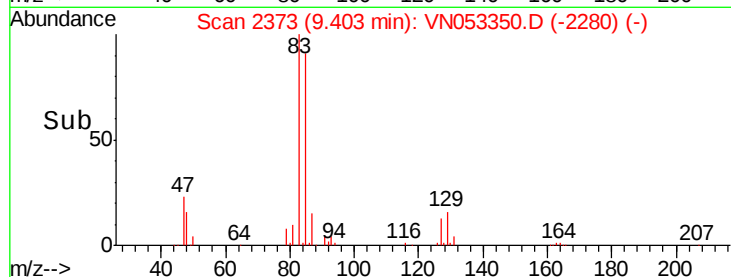
127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053350.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053350.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053350.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.275 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

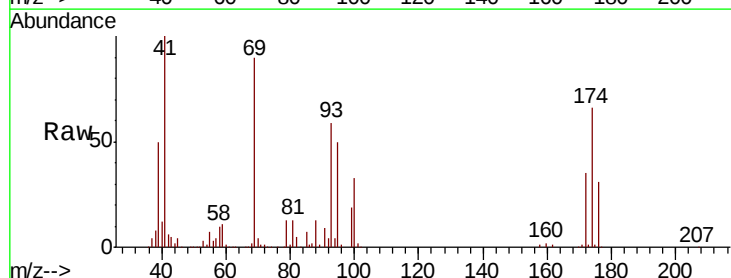
Tgt Ion: 41 Resp: 370888

Ion Ratio Lower Upper

41 100

69 92.6 73.5 110.3

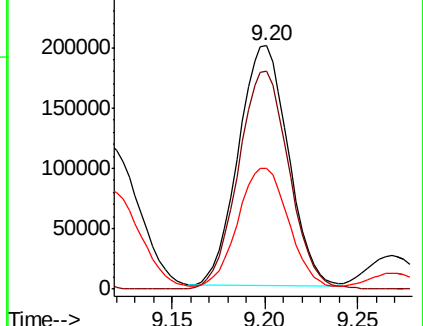
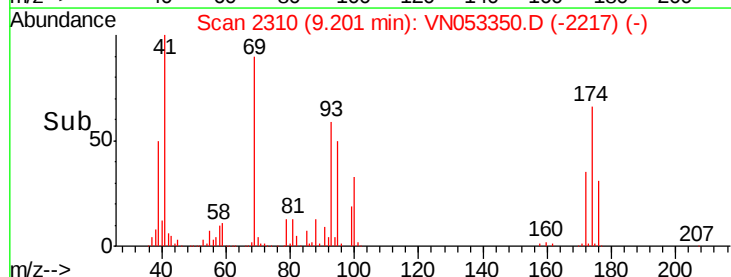
39 52.2 41.6 62.4

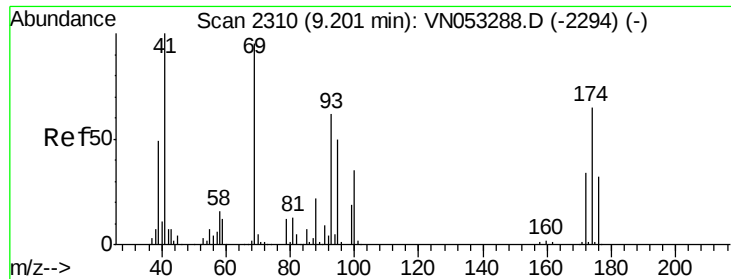


Abundance Ion 41.00 (40.70 to 41.70): VN053350.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053350.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053350.D (-2217) (-)

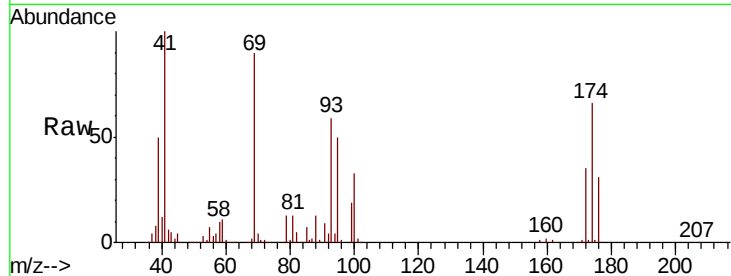




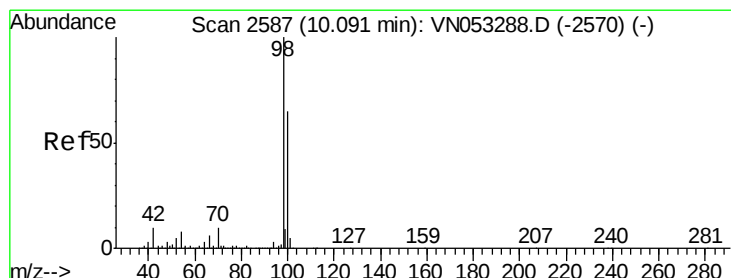
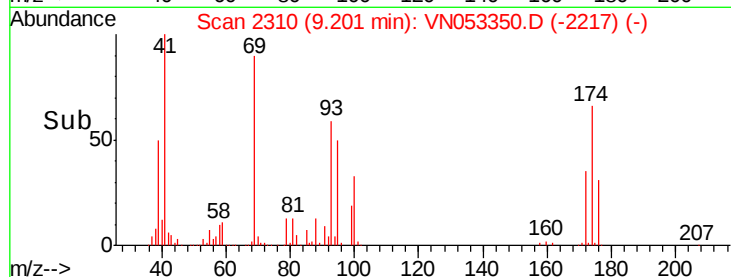
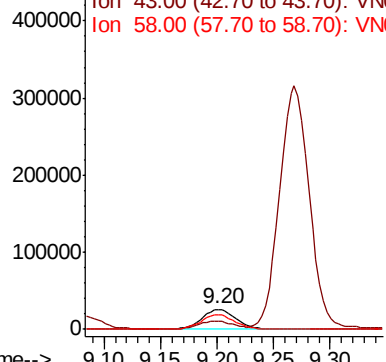
#49
 1,4-Dioxane
 Concen: 711.693 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 54847
 Ion Ratio Lower Upper
 88 100
 43 36.9 26.2 39.4
 58 73.1 55.5 83.3

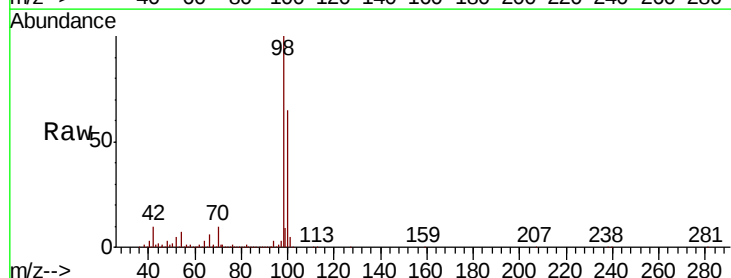


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

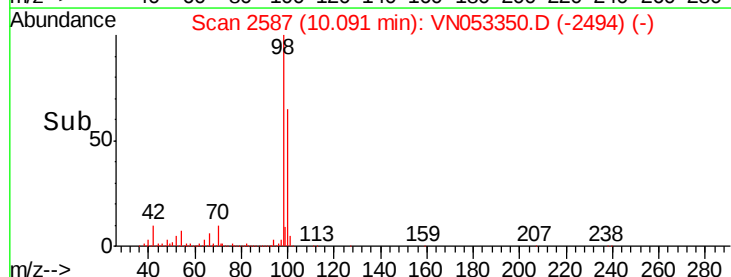
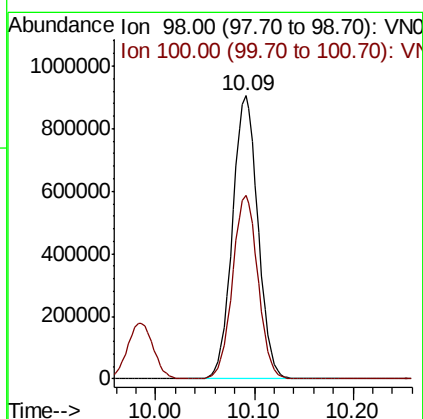


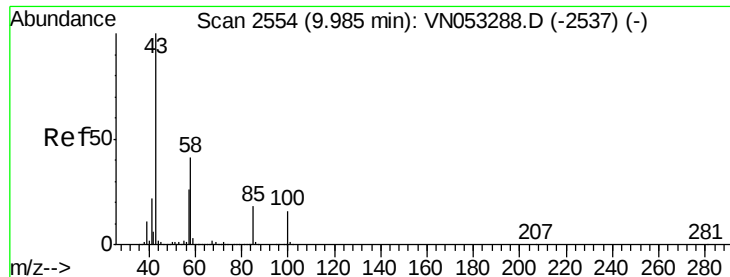
#50
 Toluene-d8
 Concen: 711.693 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 98 Resp: 1624184
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.5 77.3



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

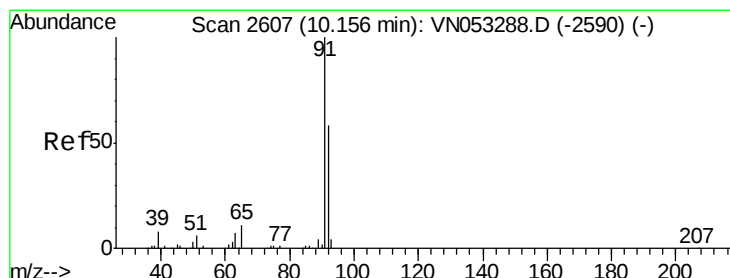
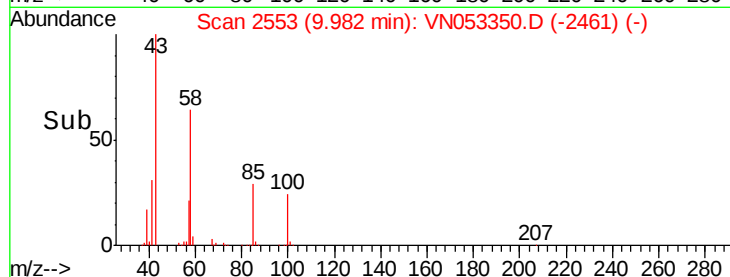
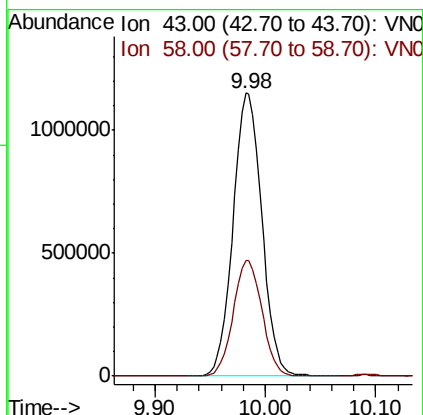
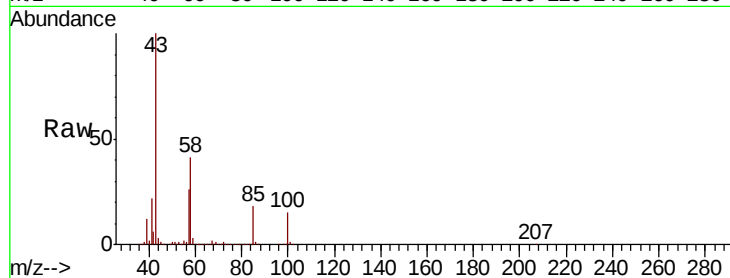




#51
 4-Methyl-2-Pentanone
 Concen: 259.658 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

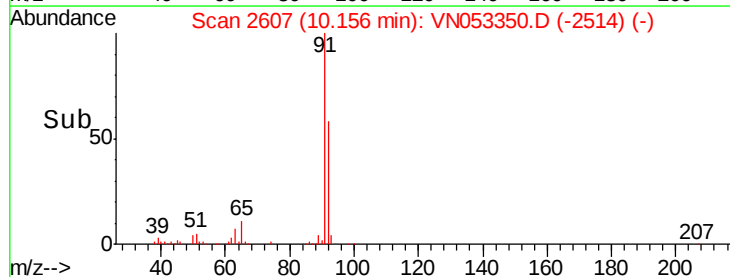
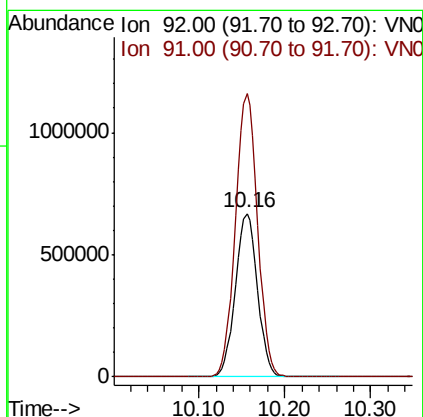
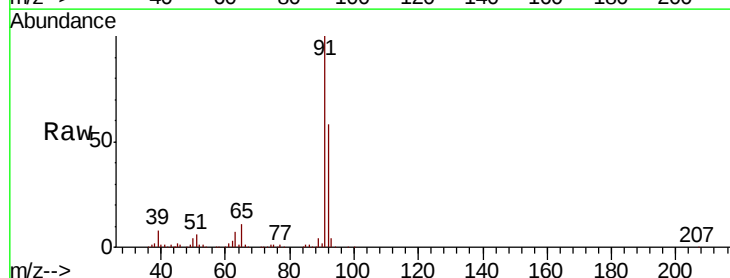
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2078975
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.7 49.1



#52
 Toluene
 Concen: 50.921 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 92 Resp: 1185685
 Ion Ratio Lower Upper
 92 100
 91 174.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 50.736 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

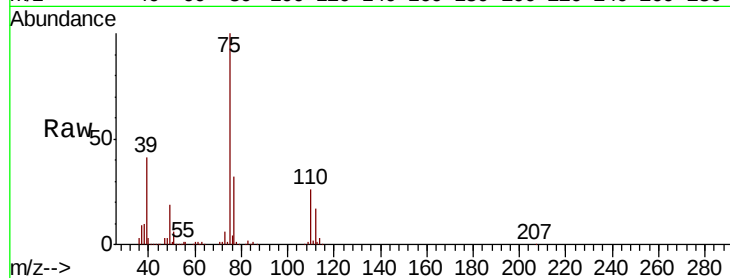
VSTDCCC050EC

Tgt Ion: 75 Resp: 627782

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

400000

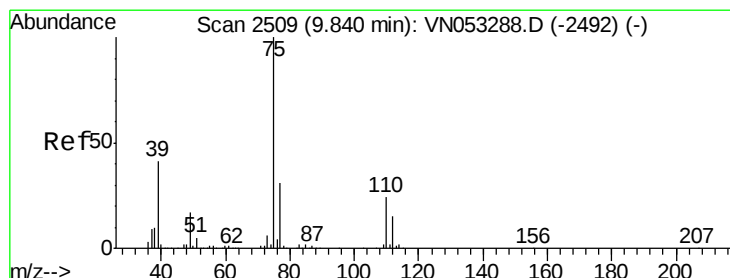
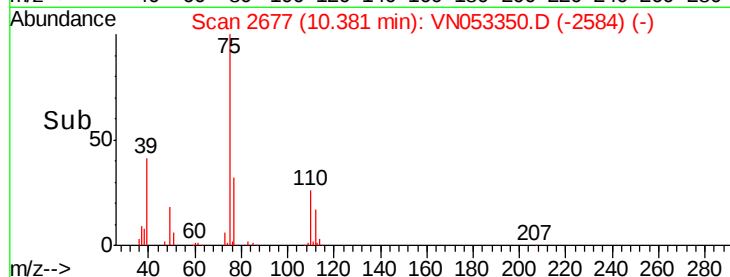
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.246 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

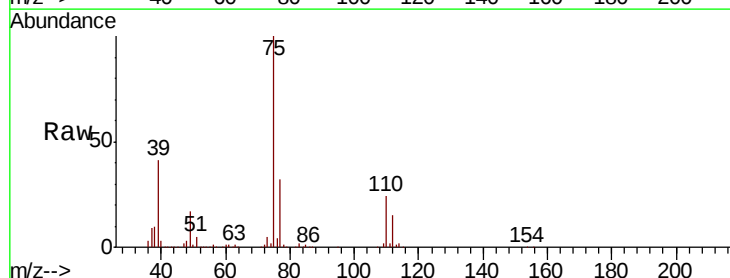
Tgt Ion: 75 Resp: 718429

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 41.4 33.1 49.7



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

500000

400000

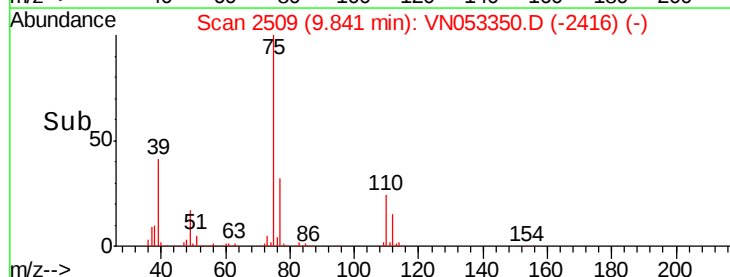
300000

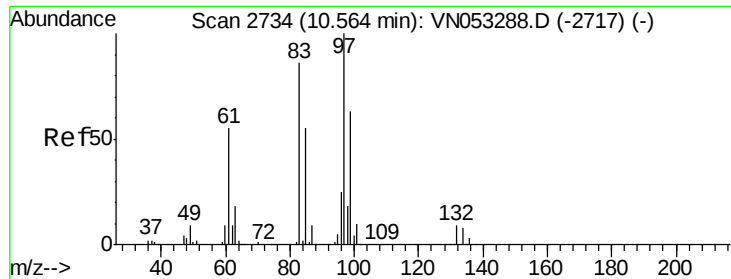
200000

100000

0

Time-->

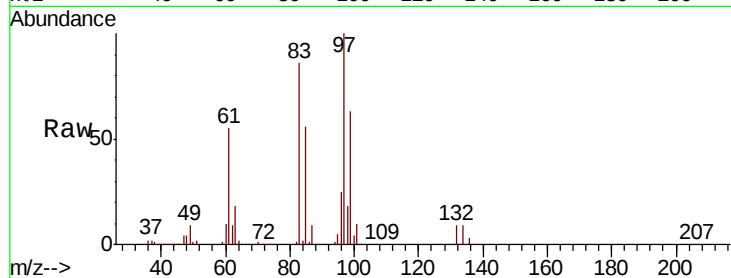




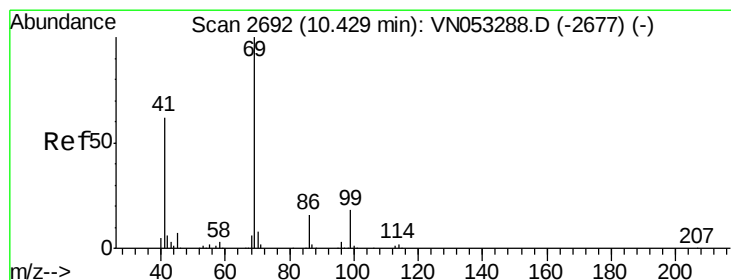
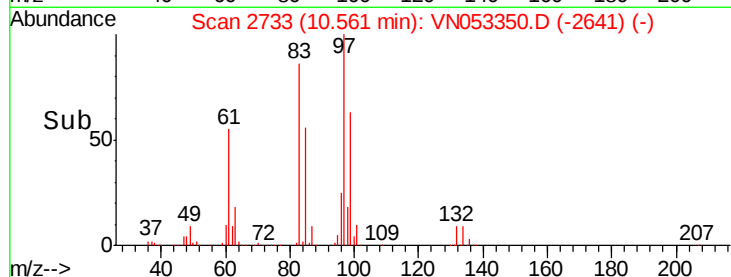
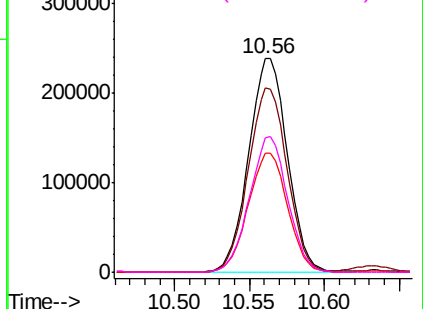
#55
 1,1,2-Trichloroethane
 Concen: 50.196 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 429761
 Ion Ratio Lower Upper
 97 100
 83 86.5 69.1 103.7
 85 55.6 44.2 66.4
 99 62.8 50.3 75.5

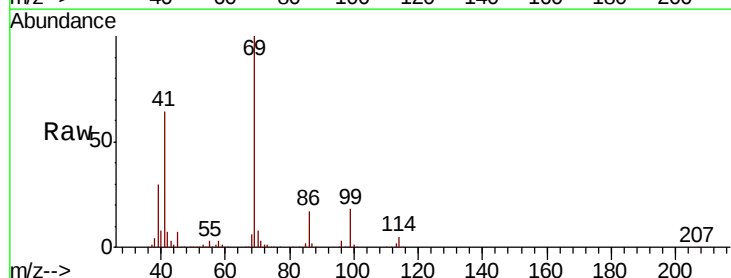


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

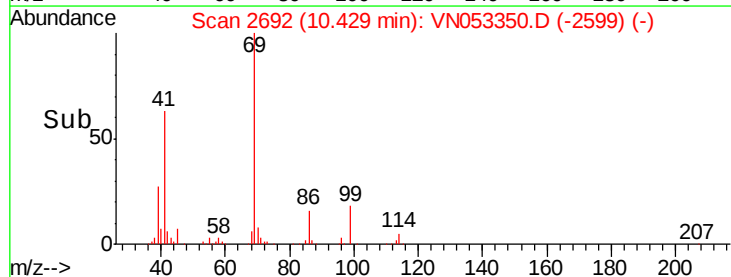
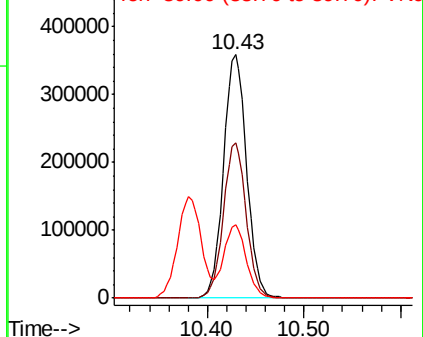


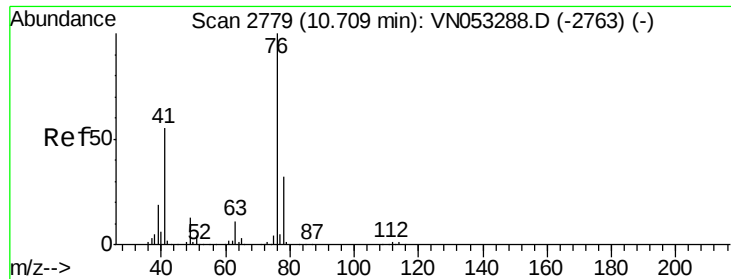
#56
 Ethyl methacrylate
 Concen: 53.377 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 69 Resp: 593878
 Ion Ratio Lower Upper
 69 100
 41 62.6 49.2 73.8
 39 29.2 23.4 35.0



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

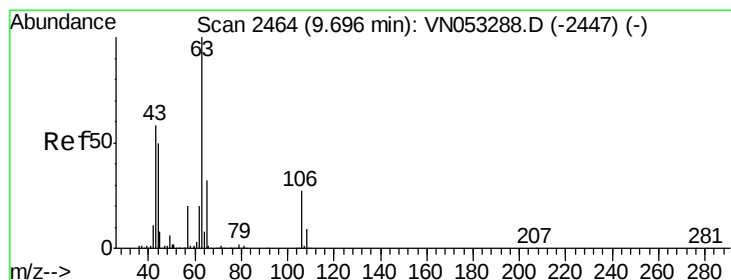
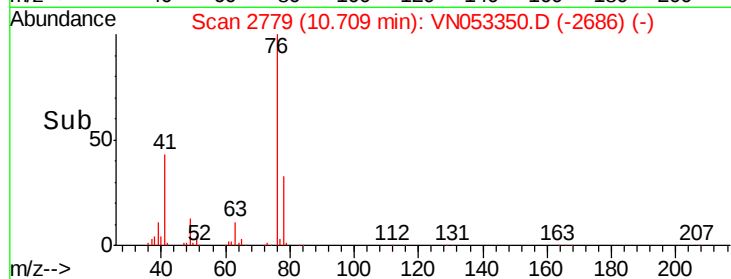
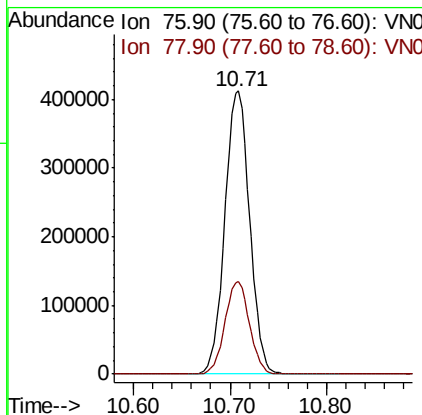
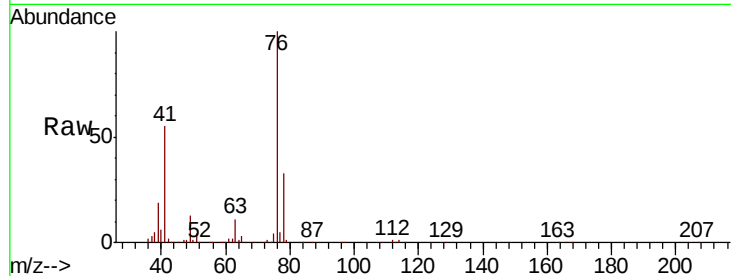




#57
 1,3-Dichloropropane
 Concen: 51.229 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

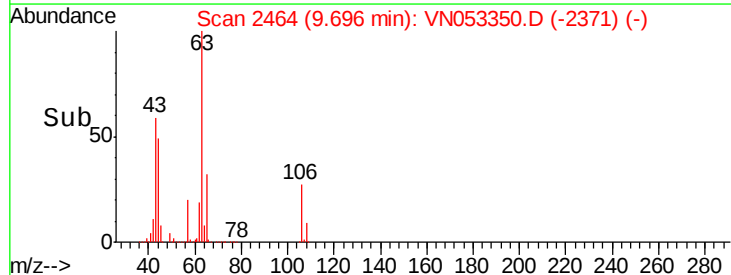
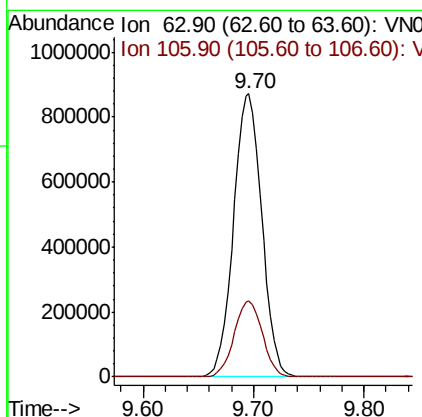
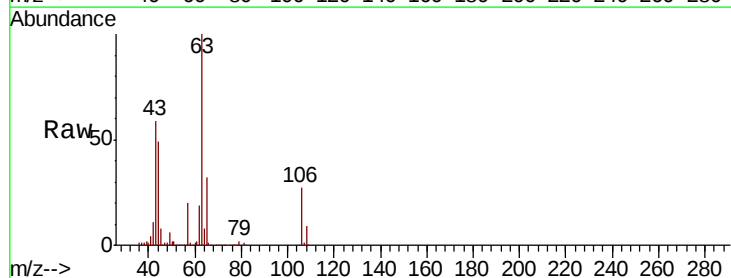
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

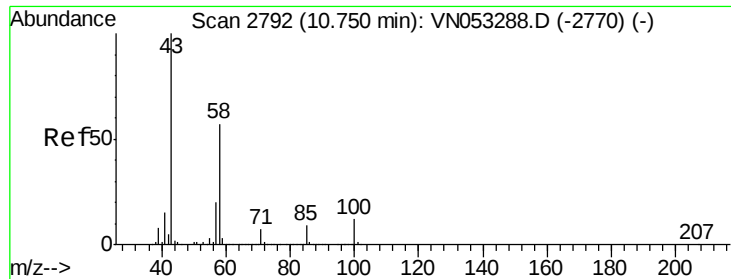
Tgt Ion: 76 Resp: 733473
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.892 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 63 Resp: 1545202
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.7 32.5

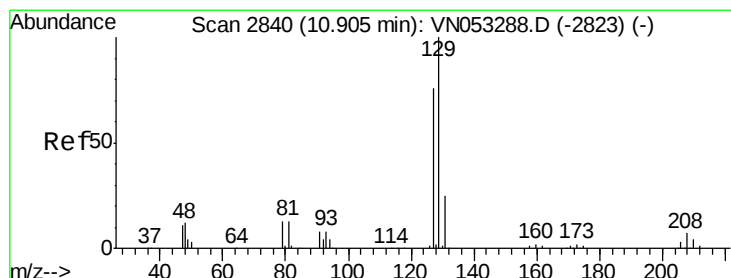
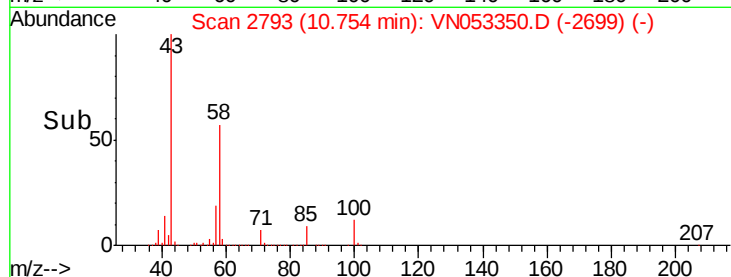
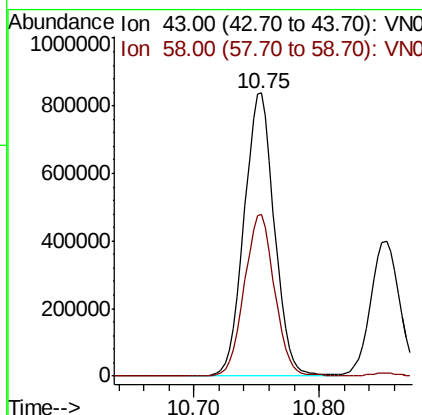
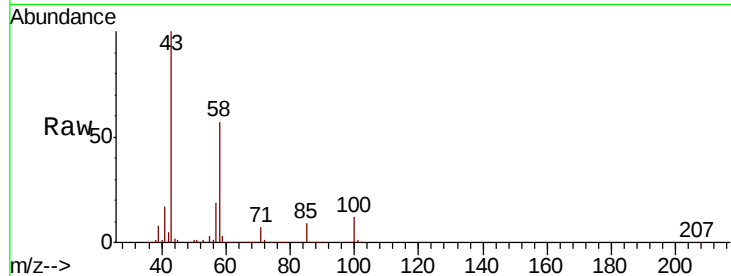




#59
2-Hexanone
Concen: 256.511 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

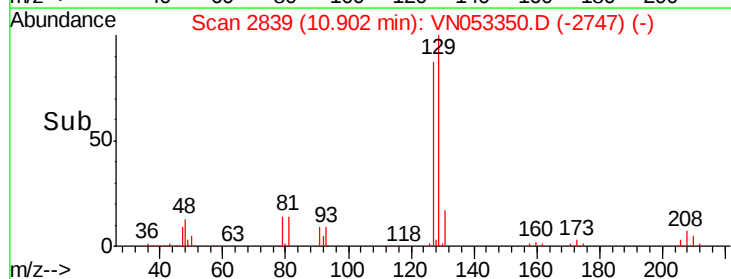
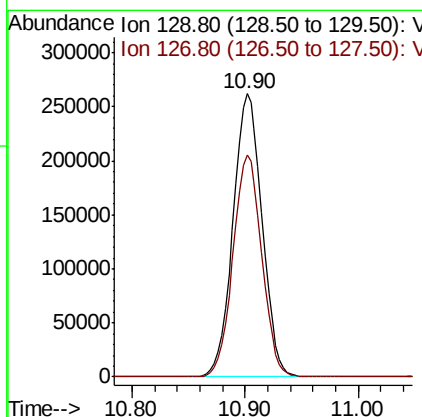
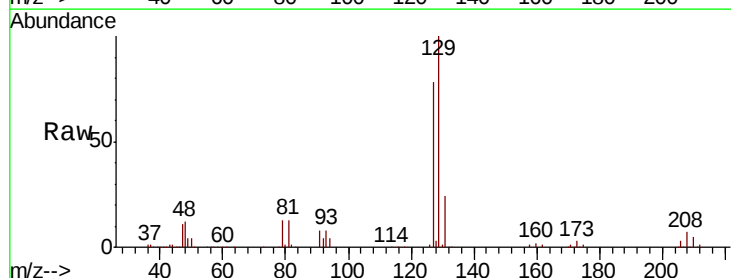
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

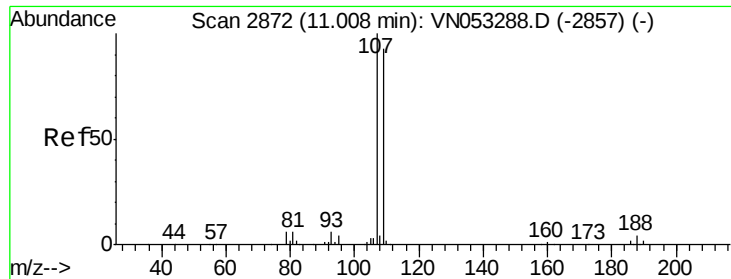
Tgt Ion: 43 Resp: 1407168
Ion Ratio Lower Upper
43 100
58 57.3 28.3 85.0



#60
Dibromochloromethane
Concen: 50.630 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 129 Resp: 467545
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.273 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

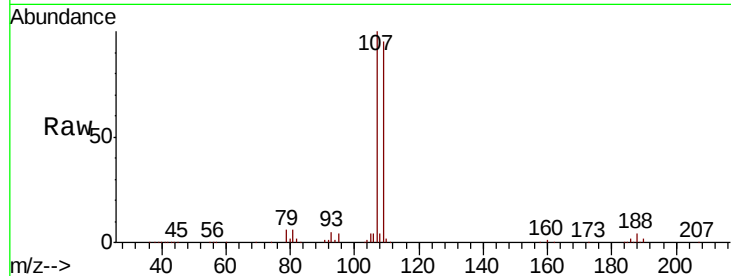
VSTDCCC050EC

Tgt Ion: 107 Resp: 433200

Ion Ratio Lower Upper

107 100

109 94.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

100000

50000

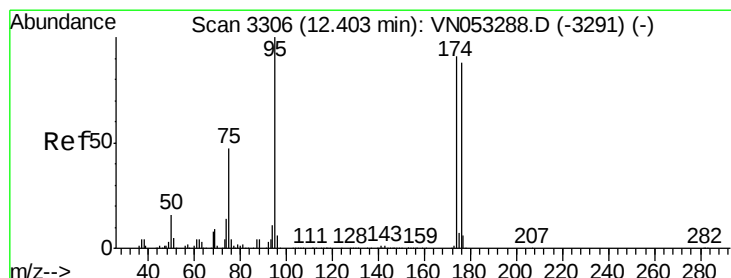
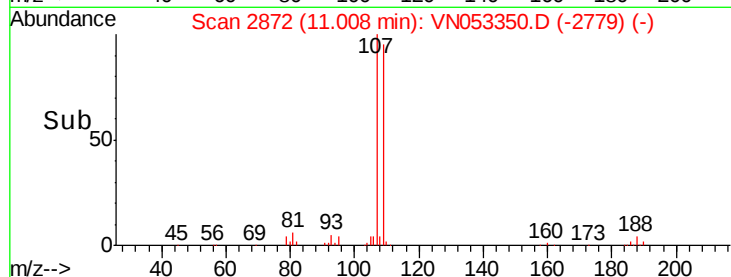
0

11.01

10.90

11.10

Time-->



#62

4-Bromofluorobenzene

Concen: 51.273 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

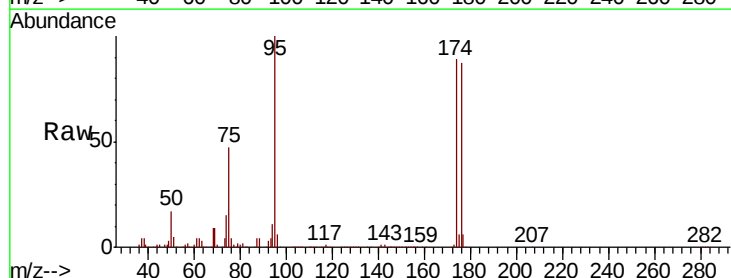
Tgt Ion: 95 Resp: 587271

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.4

176 88.5 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

200000

100000

0

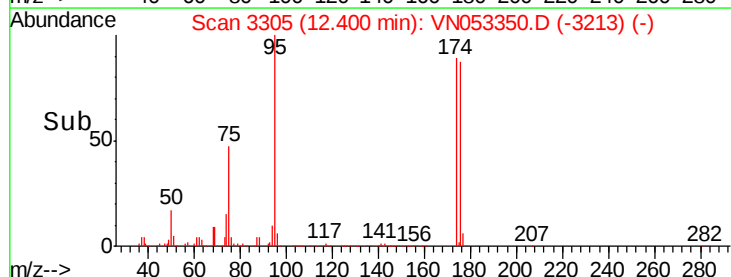
12.40

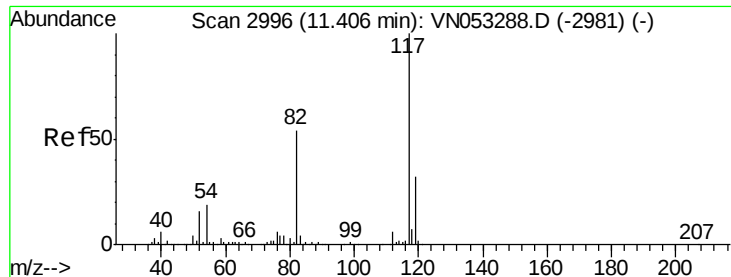
12.35

12.45

12.50

Time-->

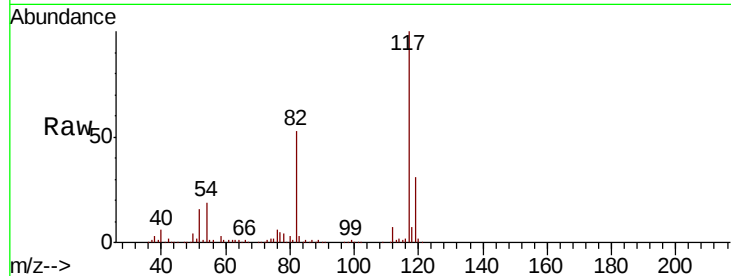




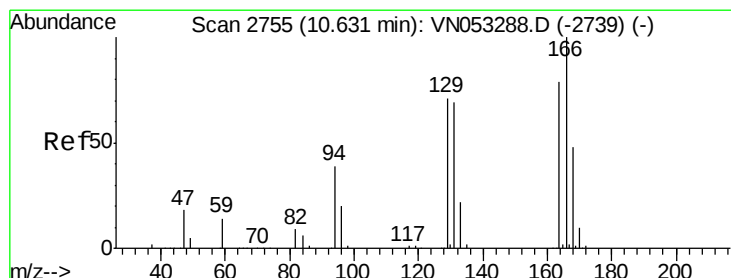
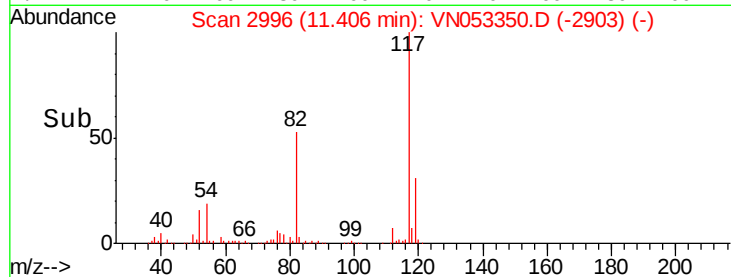
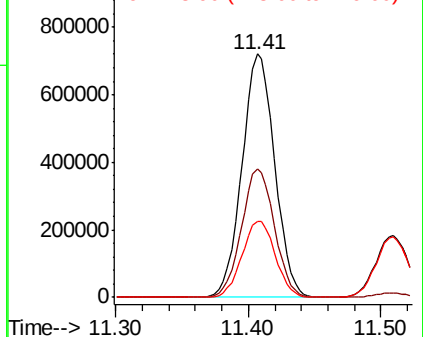
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 1231924
Ion Ratio Lower Upper
117 100
82 52.9 42.9 64.3
119 31.4 25.6 38.4

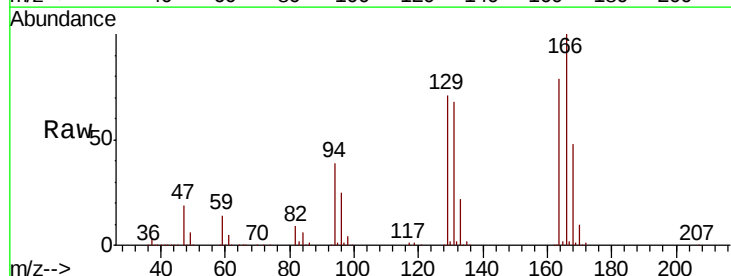


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

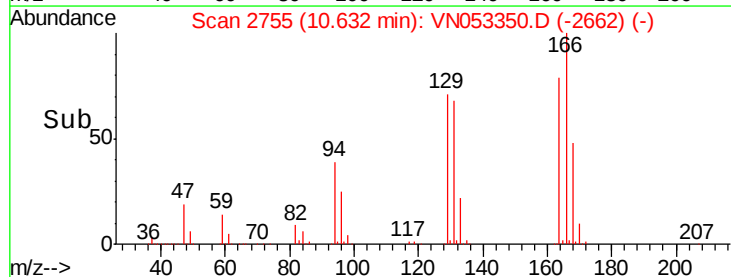
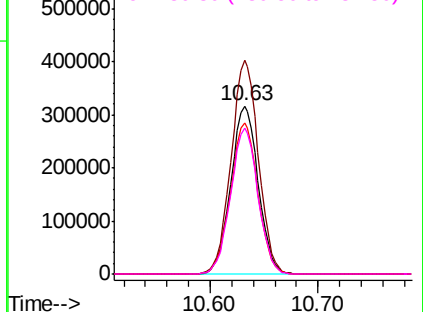


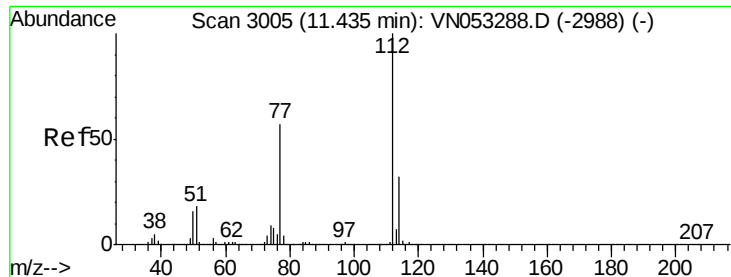
#64
Tetrachloroethene
Concen: 48.216 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion:164 Resp: 559051
Ion Ratio Lower Upper
164 100
166 127.2 101.7 152.5
129 90.1 72.1 108.1
131 86.7 69.9 104.9



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

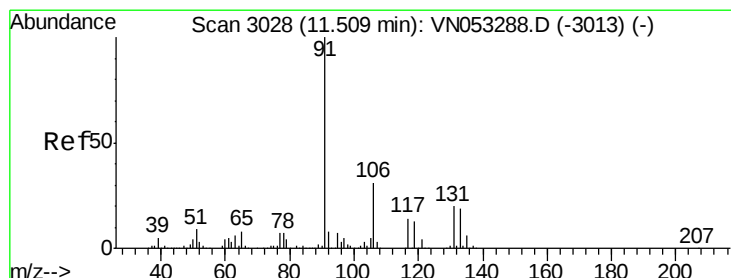
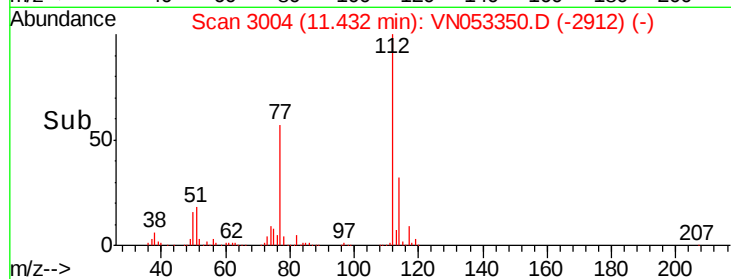
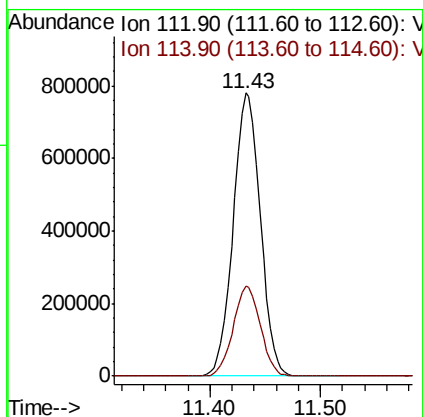
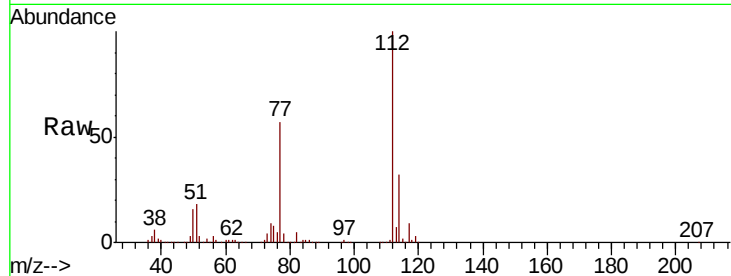




#65
Chlorobenzene
Concen: 49.681 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

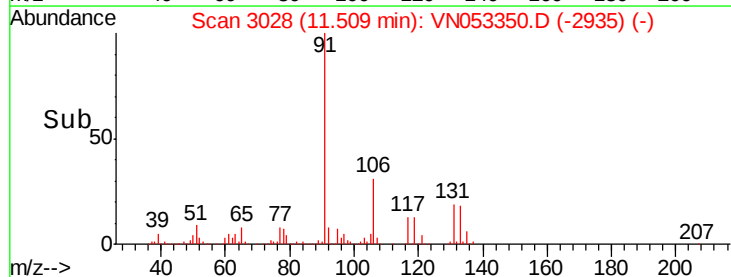
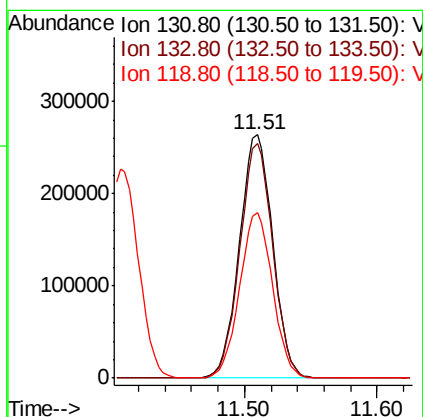
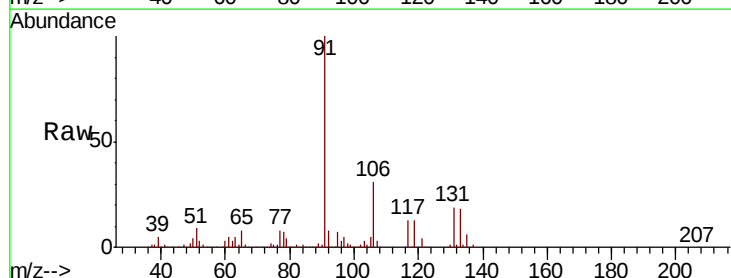
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

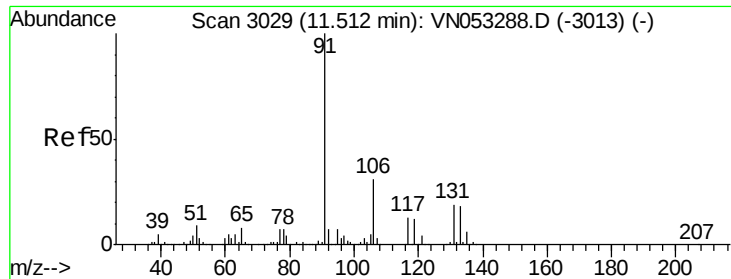
Tgt Ion:112 Resp: 1329561
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.957 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion:131 Resp: 458580
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 67.4 33.3 99.9

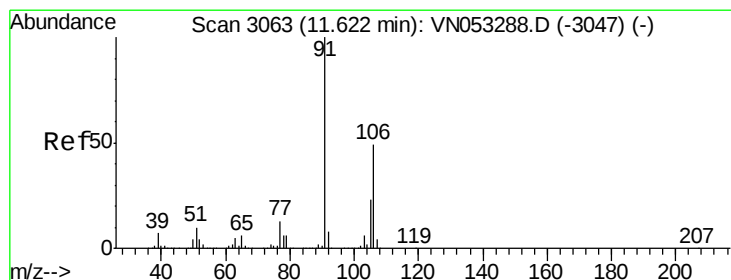
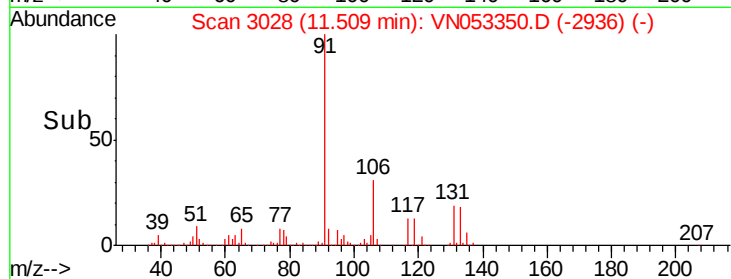
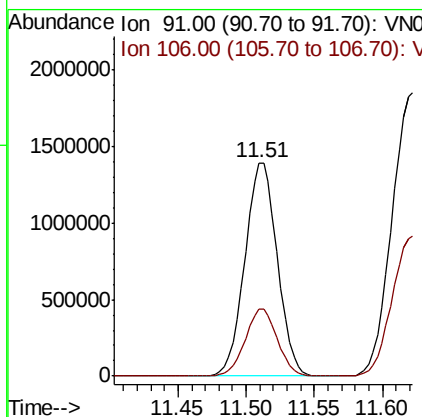
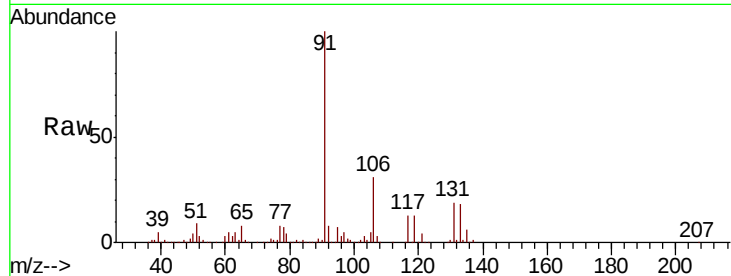




#67
Ethyl Benzene
Concen: 50.423 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

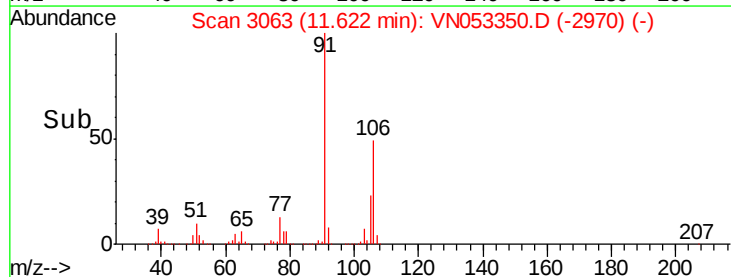
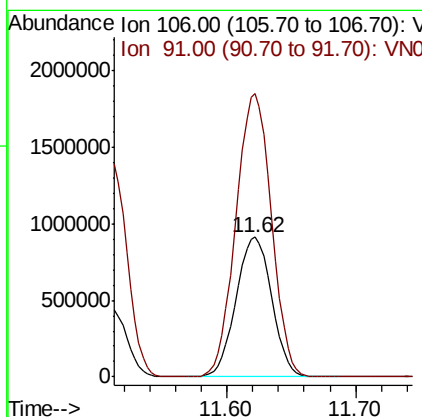
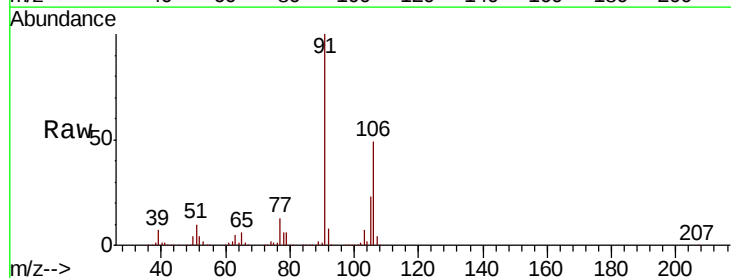
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

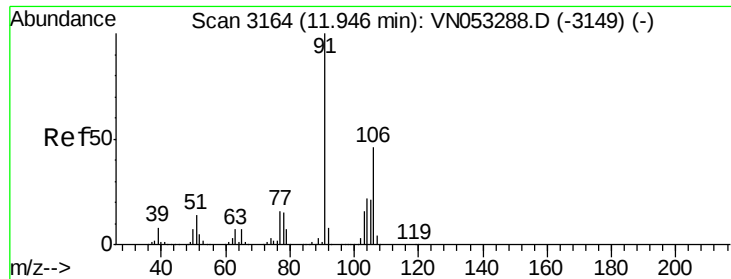
Tgt Ion: 91 Resp: 2292959
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 102.600 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 106 Resp: 1754422
Ion Ratio Lower Upper
106 100
91 202.3 161.4 242.2

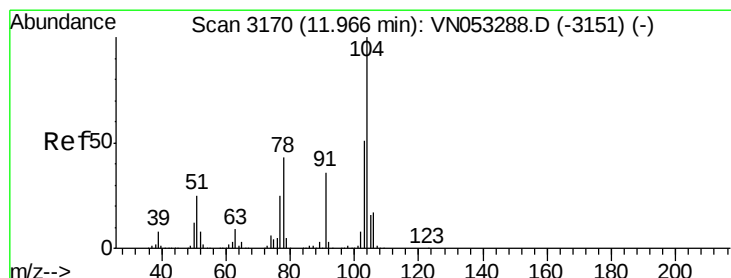
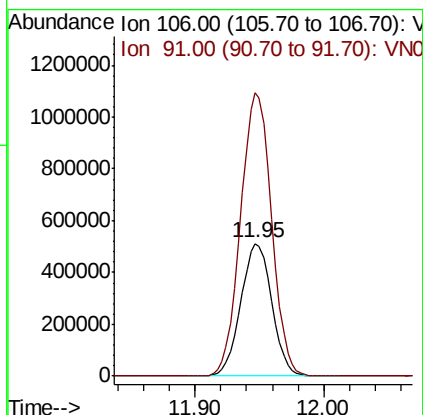
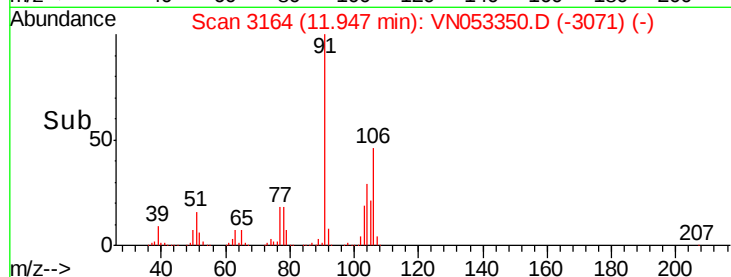
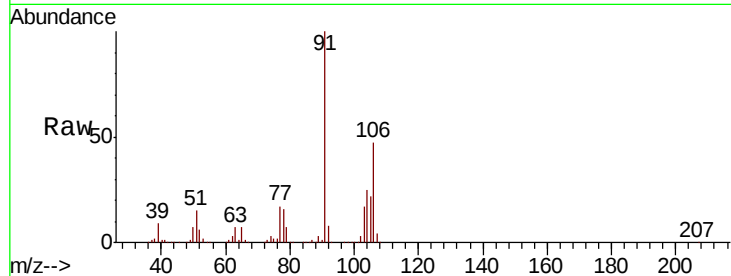




#69
o-Xylene
Concen: 51.083 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

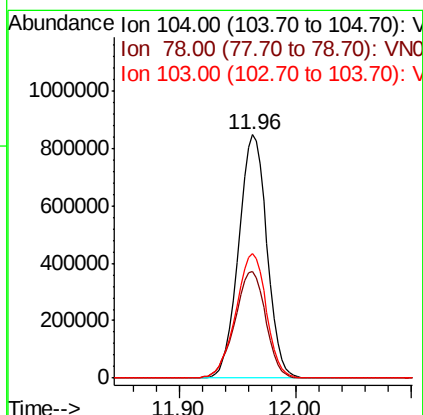
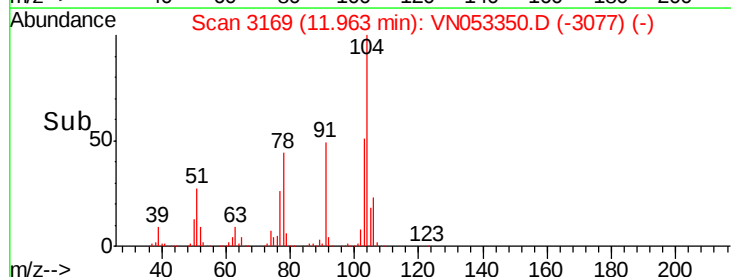
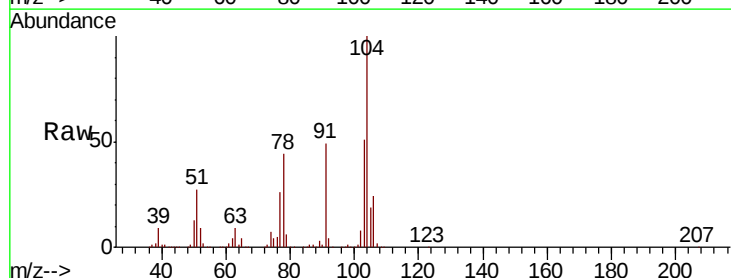
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

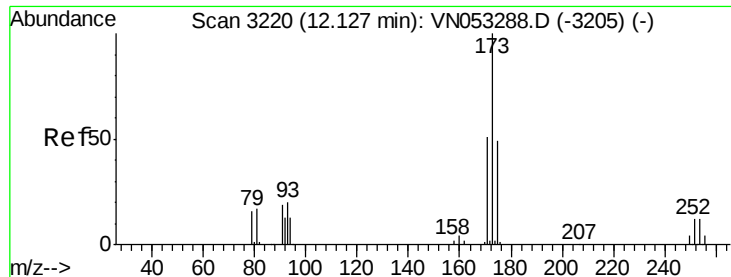
Tgt Ion:106 Resp: 855168
Ion Ratio Lower Upper
106 100
91 213.9 106.8 320.4



#70
Styrene
Concen: 52.570 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion:104 Resp: 1432289
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 55.2 44.5 66.7

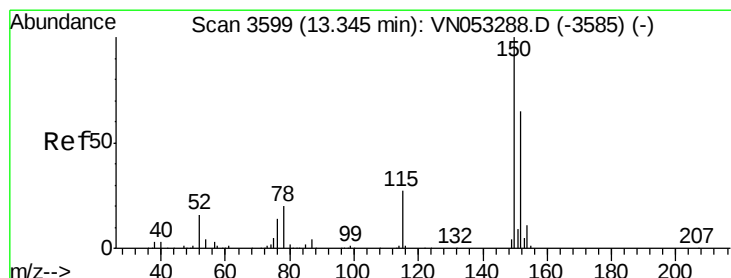
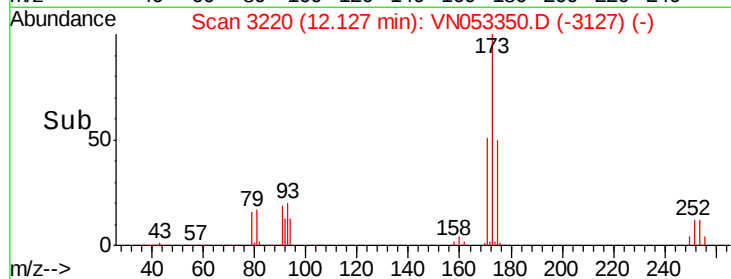
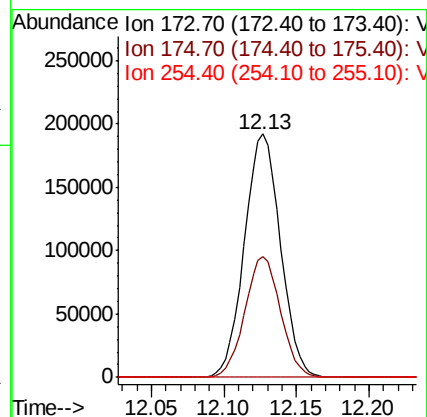
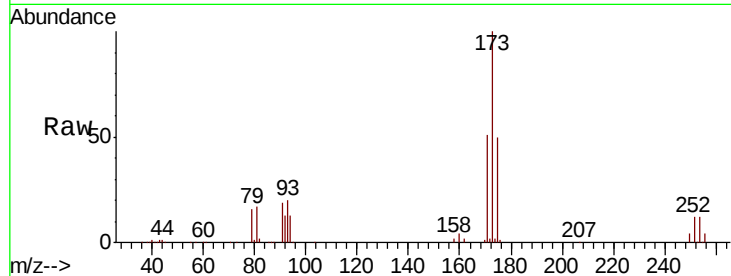




#71
Bromoform
Concen: 50.187 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

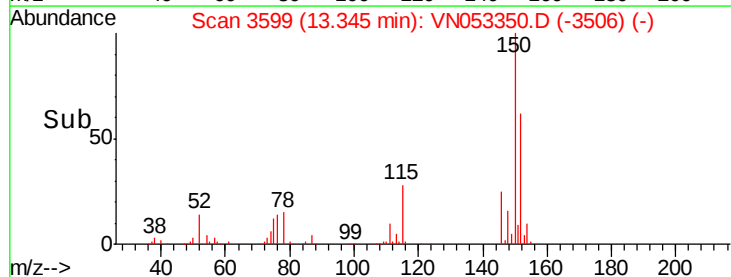
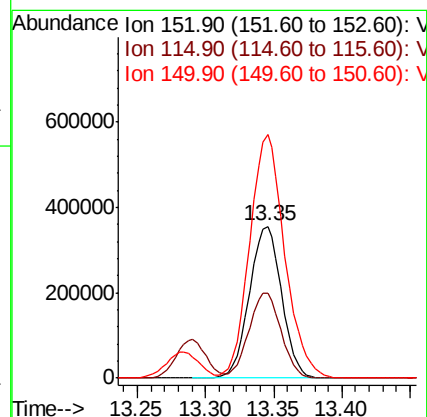
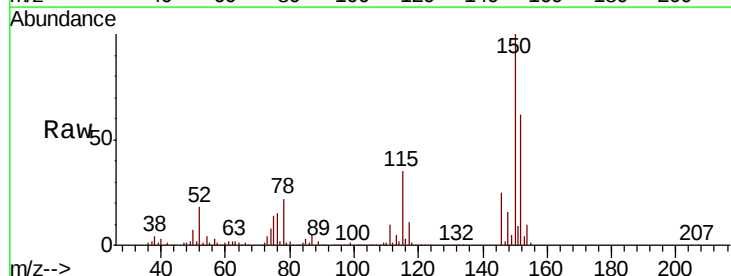
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

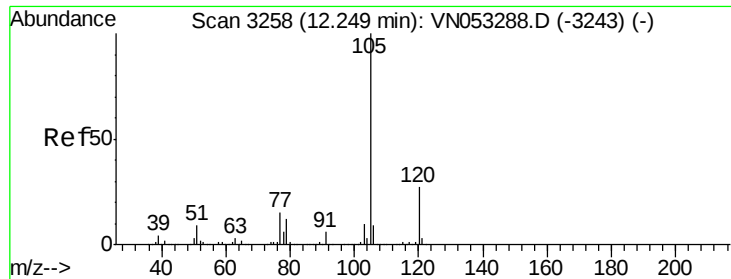
Tgt Ion:173 Resp: 332051
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion:152 Resp: 581141
Ion Ratio Lower Upper
152 100
115 56.2 28.0 84.0
150 174.3 0.0 346.6





#73

Isopropylbenzene

Concen: 52.688 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

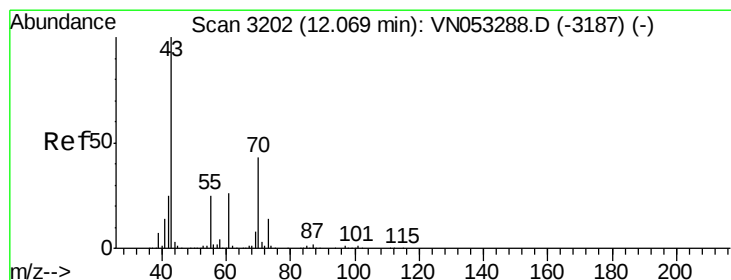
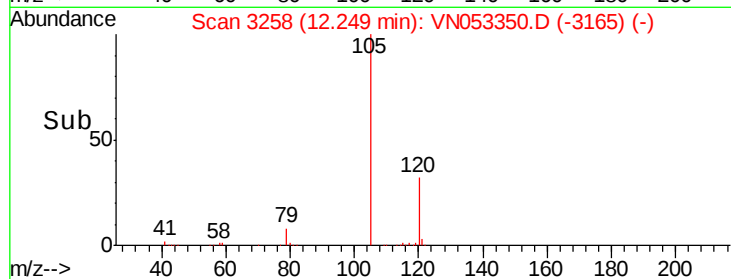
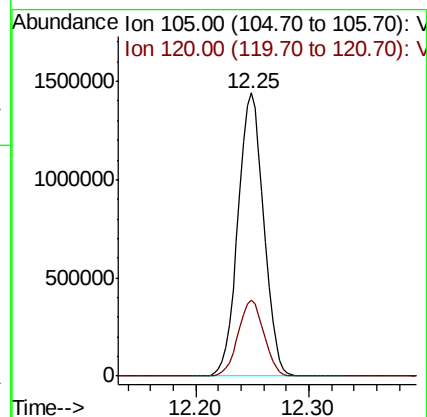
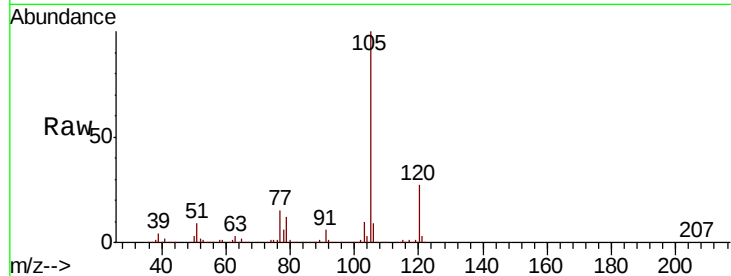
VSTDCCC050EC

Tgt Ion: 105 Resp: 2279696

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 51.972 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Tgt Ion: 43 Resp: 671477

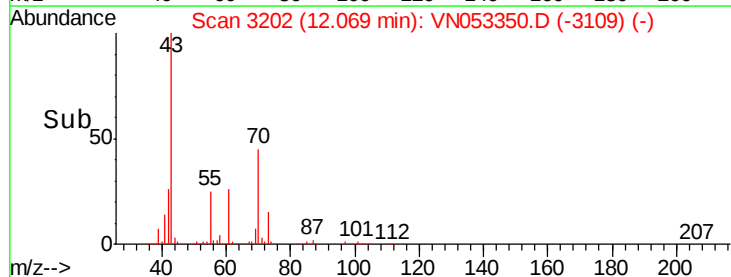
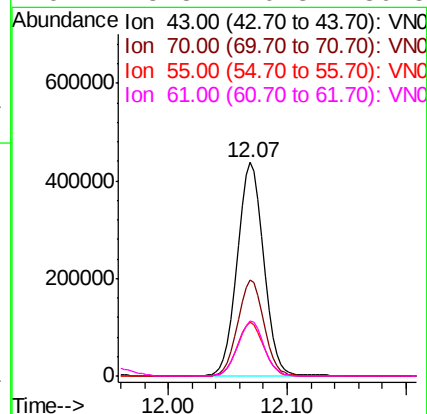
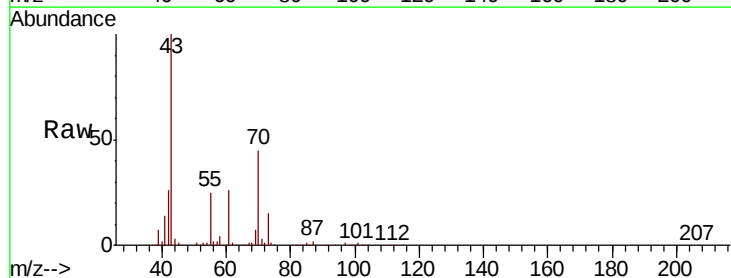
Ion Ratio Lower Upper

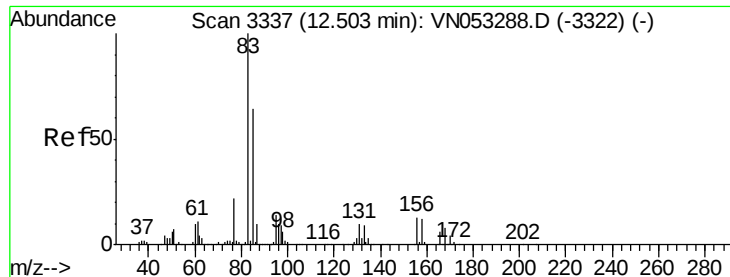
43 100

70 44.8 35.0 52.6

55 25.4 20.0 30.0

61 25.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.609 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

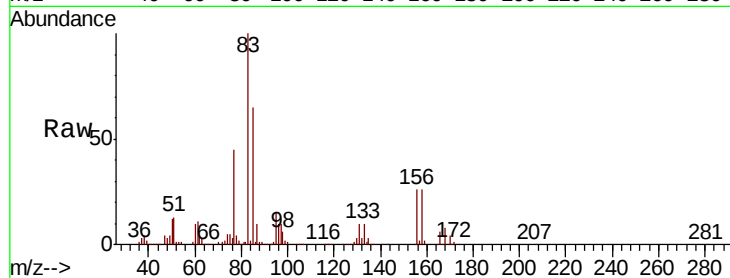
Tgt Ion: 83 Resp: 503718

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

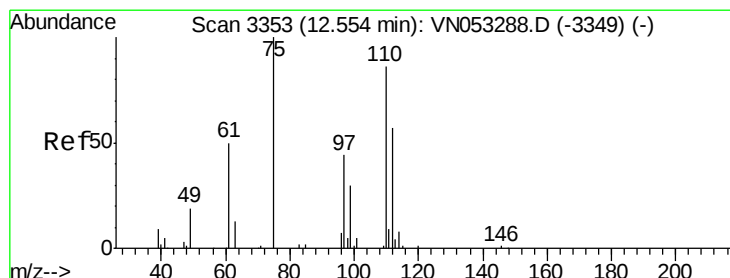
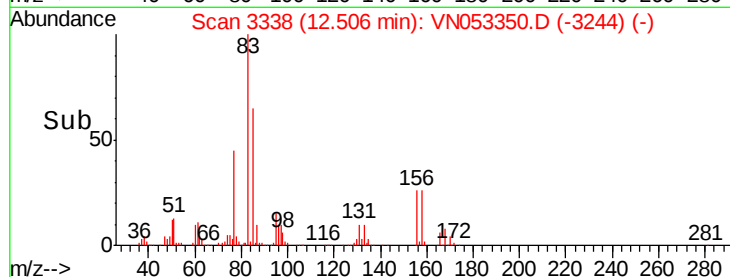
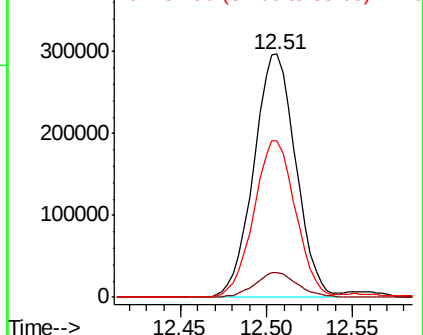
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN053350.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053350.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053350.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 79.629 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053350.D

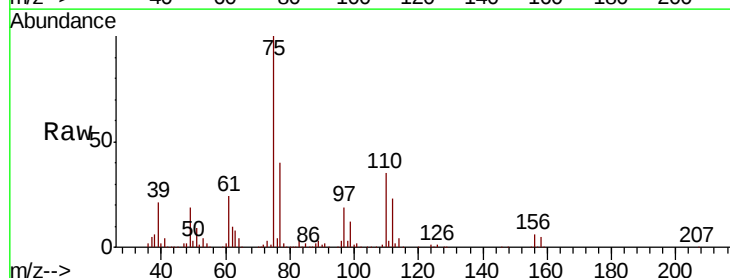
Acq: 10 Jan 2019 19:29

Tgt Ion: 75 Resp: 674956

Ion Ratio Lower Upper

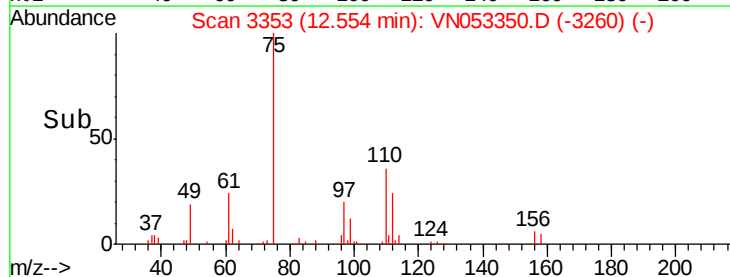
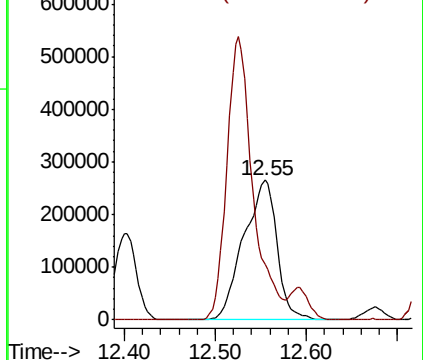
75 100

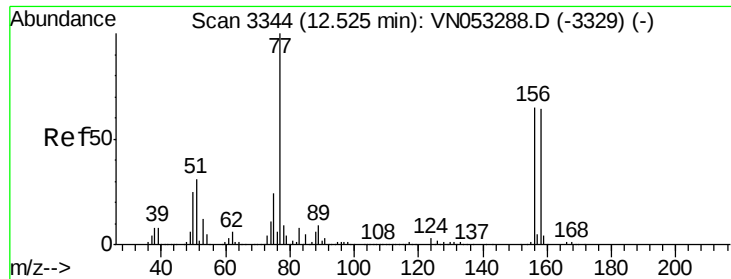
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053350.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053350.D (-3260) (-)

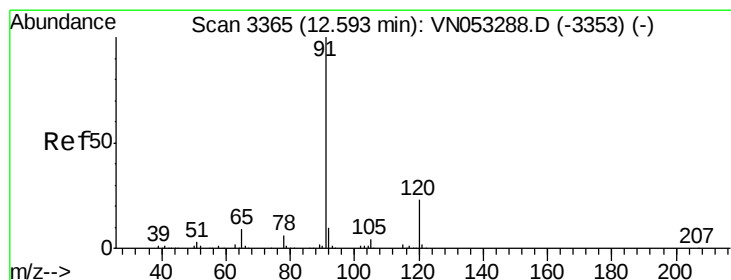
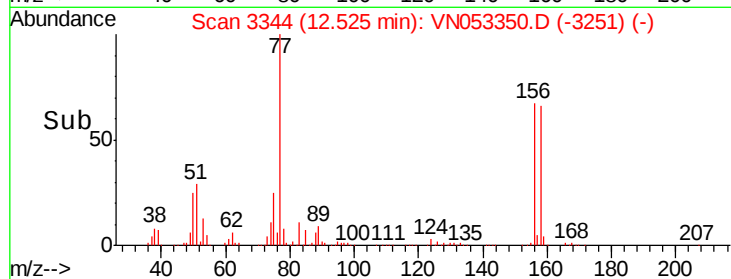
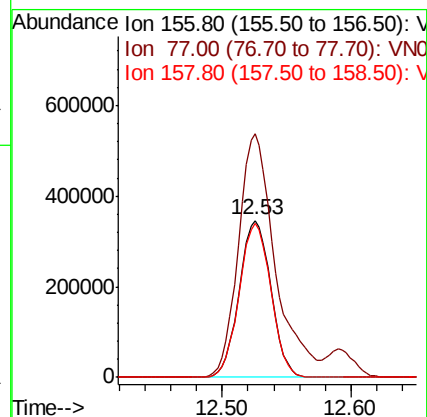
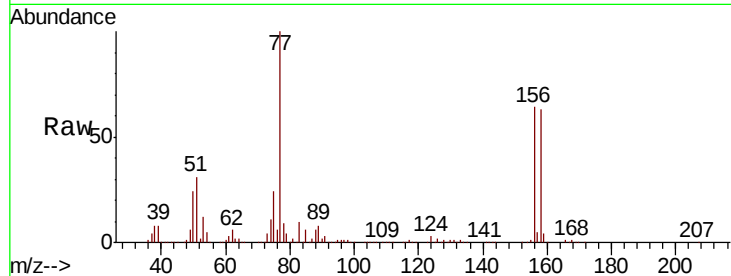




#77
Bromobenzene
Concen: 51.255 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

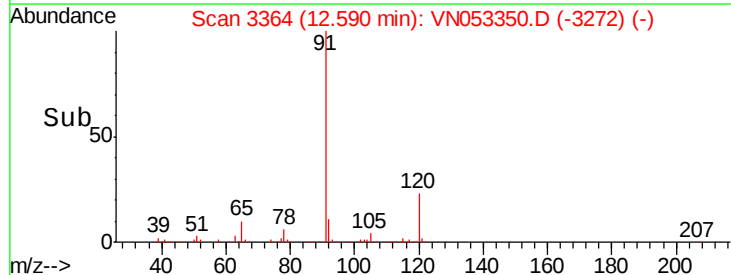
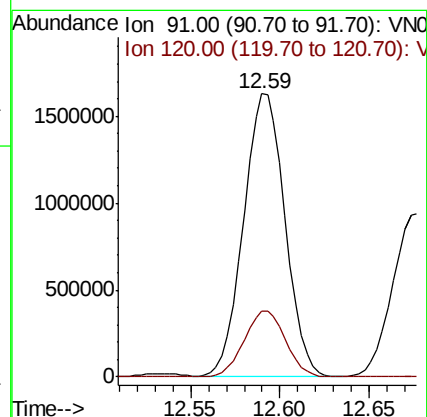
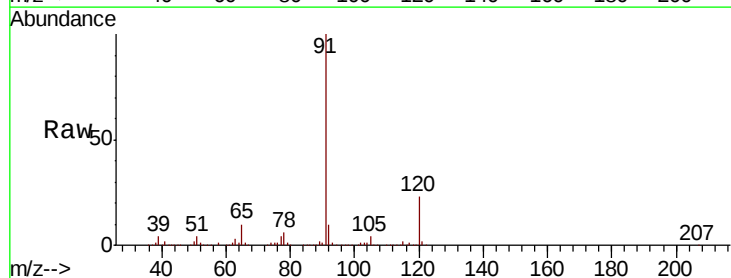
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

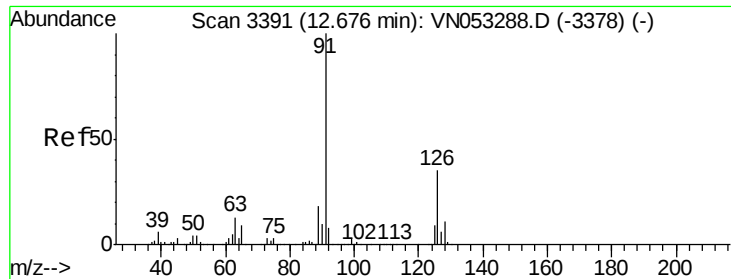
Tgt Ion:156 Resp: 591891
Ion Ratio Lower Upper
156 100
77 180.9 89.3 268.1
158 98.0 48.9 146.8



#78
n-propylbenzene
Concen: 53.594 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 91 Resp: 2623000
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5





#79

2-Chlorotoluene

Concen: 51.946 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

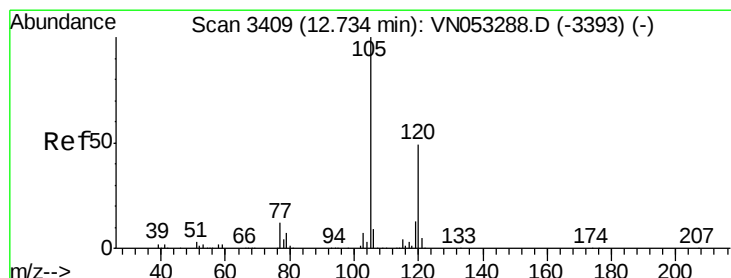
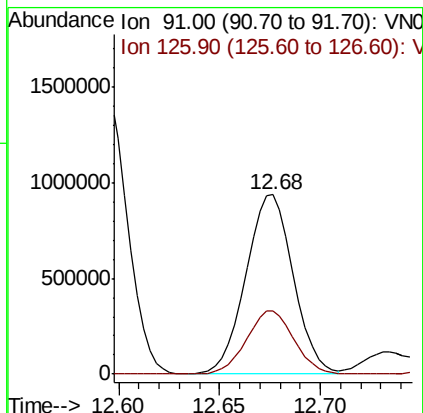
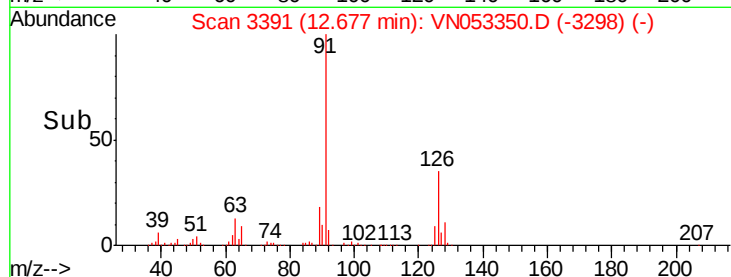
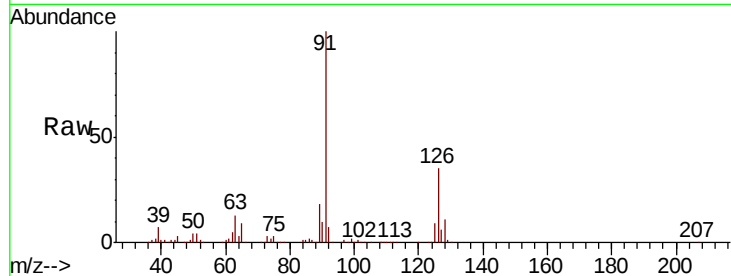
VSTDCCC050EC

Tgt Ion: 91 Resp: 1538325

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 53.340 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053350.D

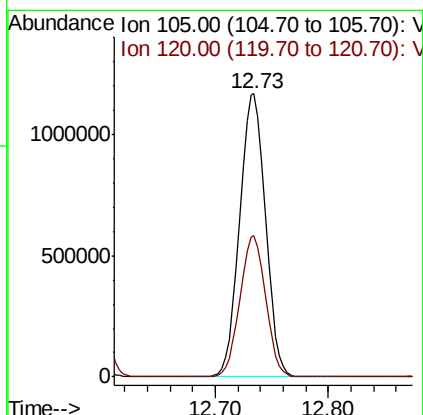
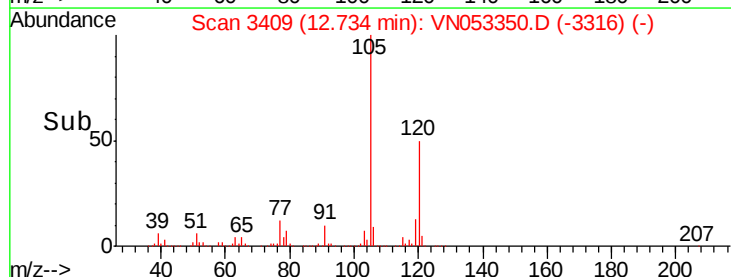
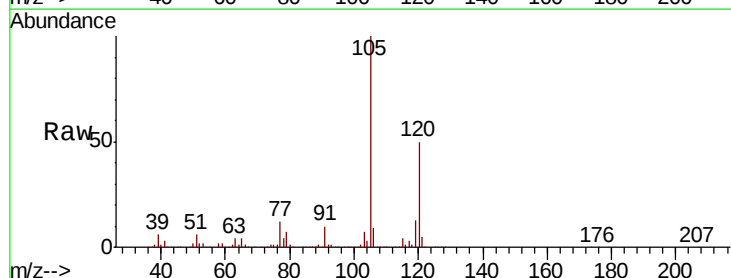
Acq: 10 Jan 2019 19:29

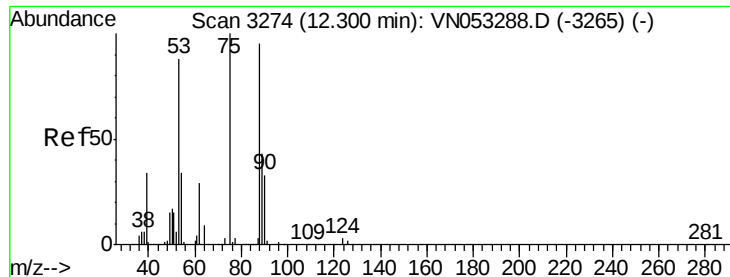
Tgt Ion: 105 Resp: 1858997

Ion Ratio Lower Upper

105 100

120 49.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 53.729 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

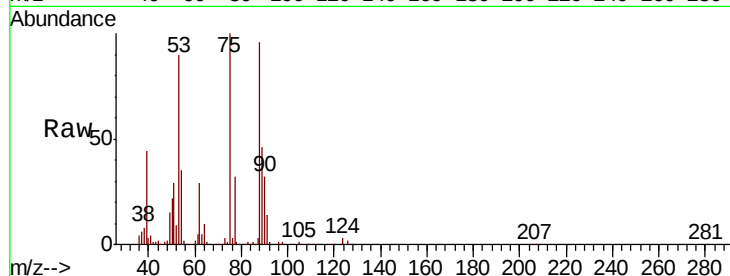
Tgt Ion: 75 Resp: 154791

Ion Ratio Lower Upper

75 100

53 90.6 70.5 105.7

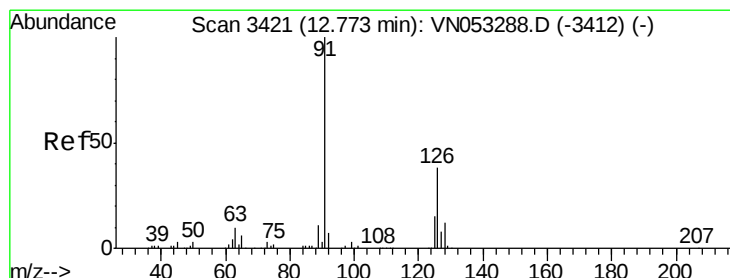
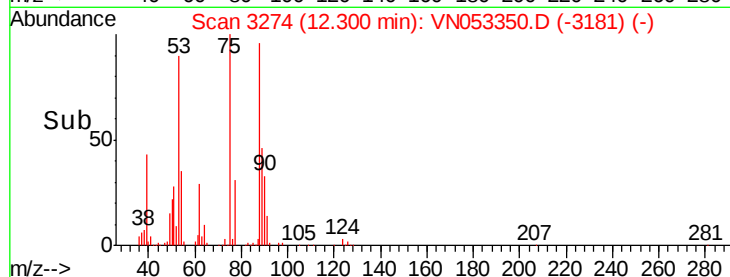
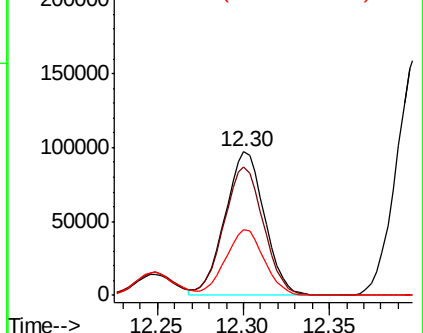
89 45.4 35.4 53.0



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: 51.821 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053350.D

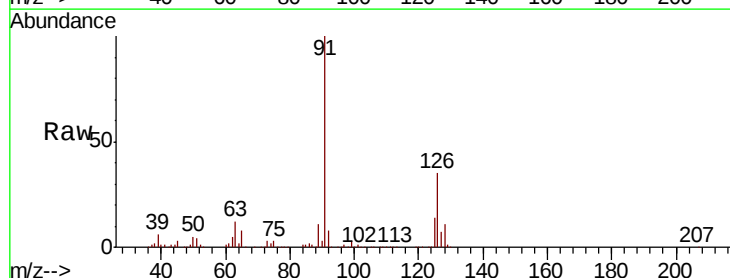
Acq: 10 Jan 2019 19:29

Tgt Ion: 91 Resp: 1573617

Ion Ratio Lower Upper

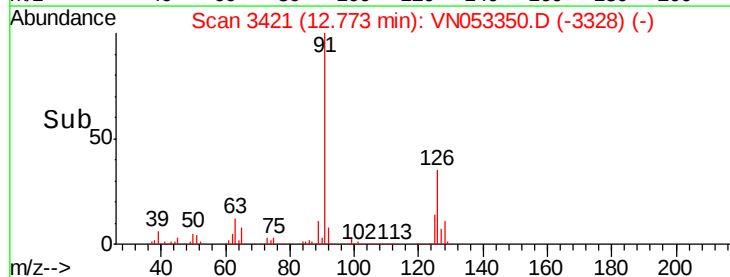
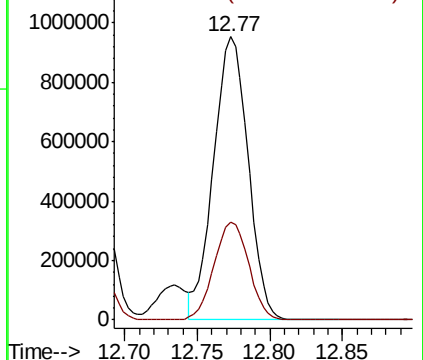
91 100

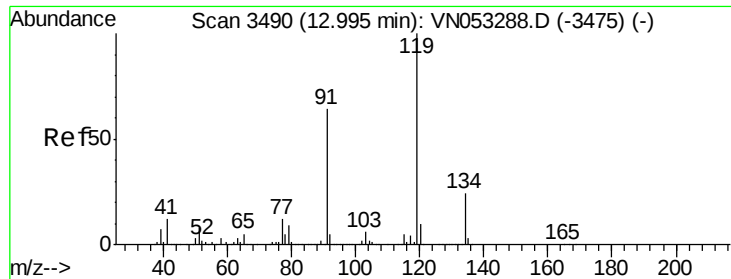
126 34.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

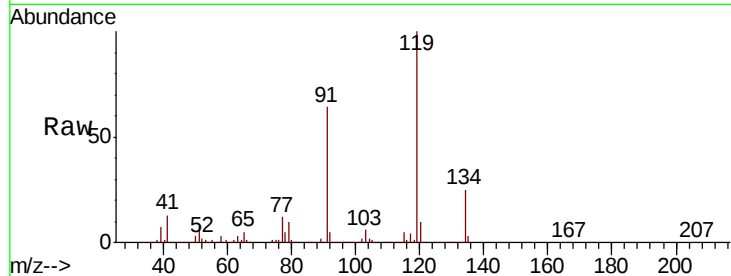




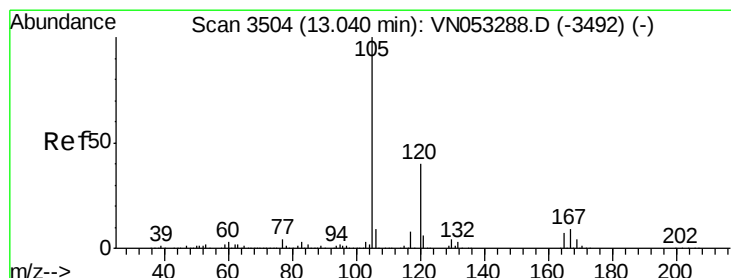
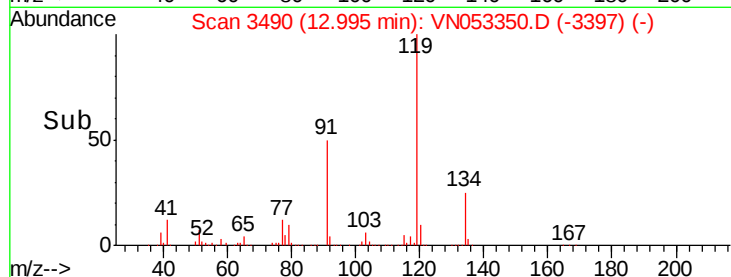
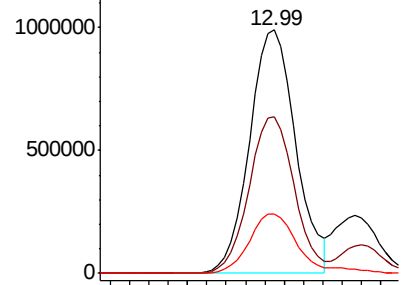
#83
tert-Butylbenzene
Concen: 53.798 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 1645039
Ion Ratio Lower Upper
119 100
91 63.3 31.6 95.0
134 26.0 12.9 38.6

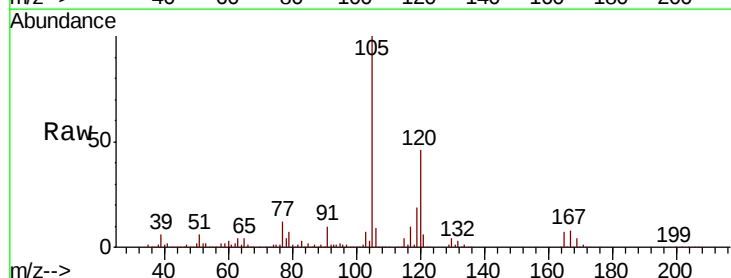


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

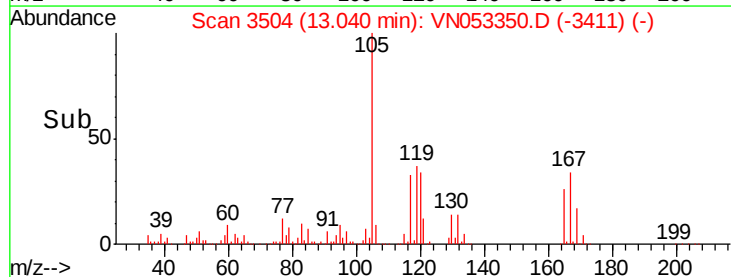
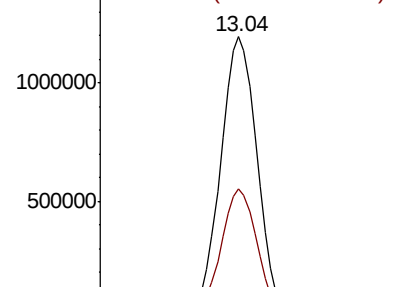


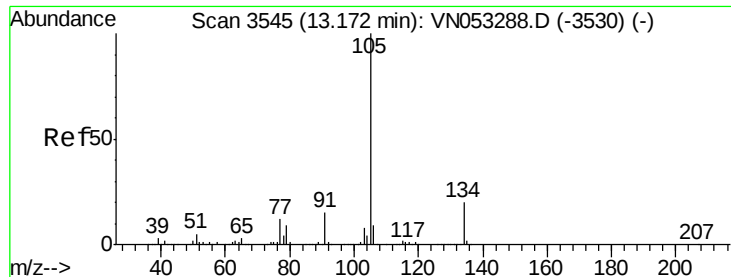
#84
1,2,4-Trimethylbenzene
Concen: 52.719 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion:105 Resp: 1871835
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 55.722 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

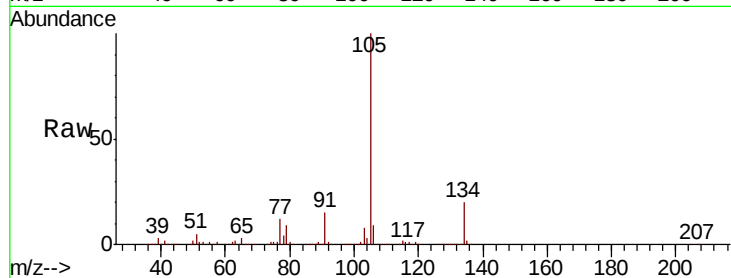
VSTDCCC050EC

Tgt Ion:105 Resp: 2247058

Ion Ratio Lower Upper

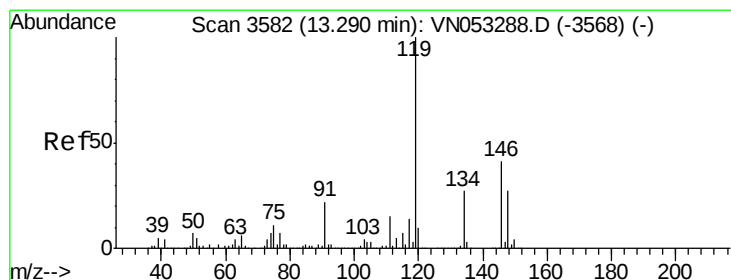
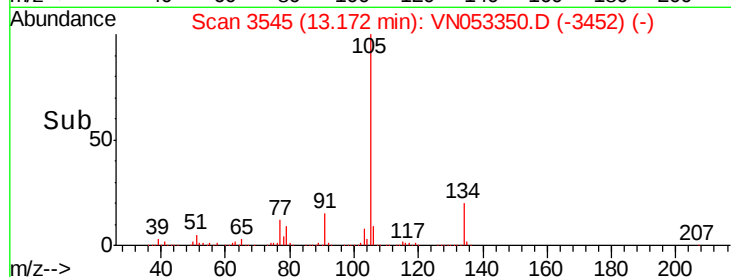
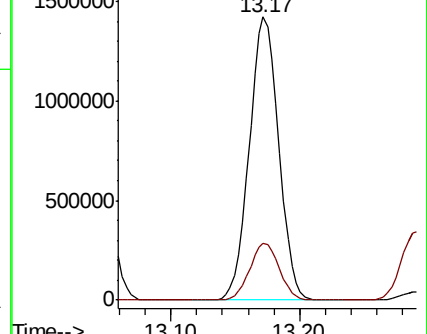
105 100

134 20.3 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.633 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

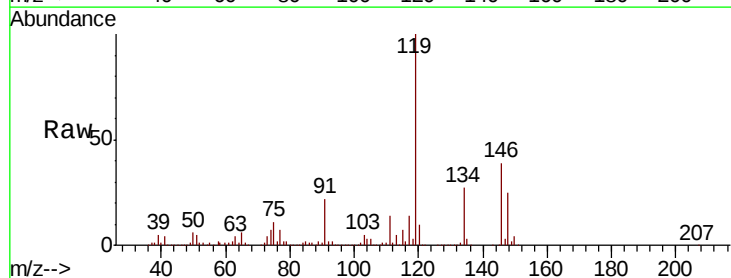
Tgt Ion:119 Resp: 1942446

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

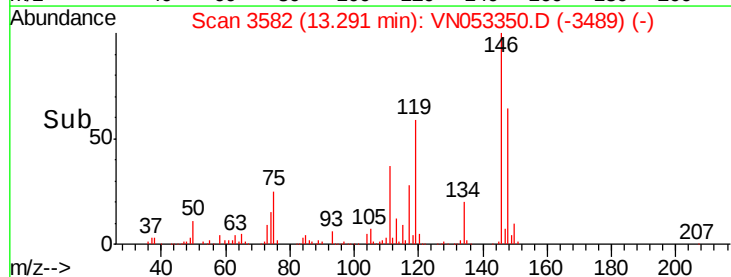
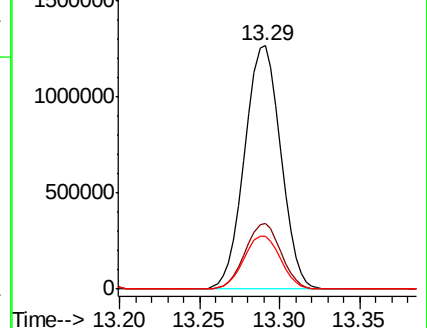
91 22.1 11.1 33.1

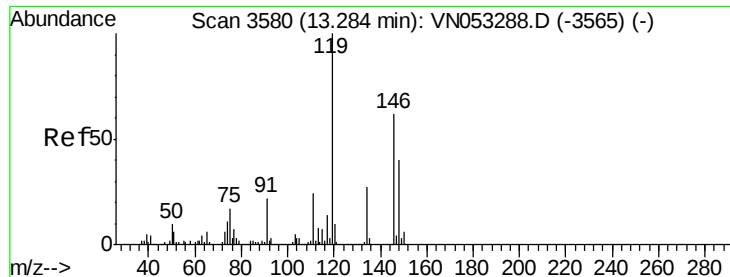


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.807 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

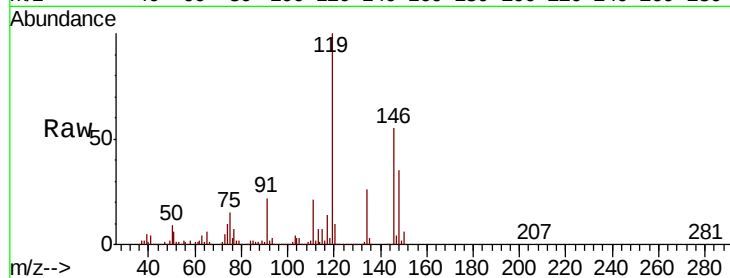
Tgt Ion:146 Resp: 1033208

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.5

148 63.9 32.0 96.2

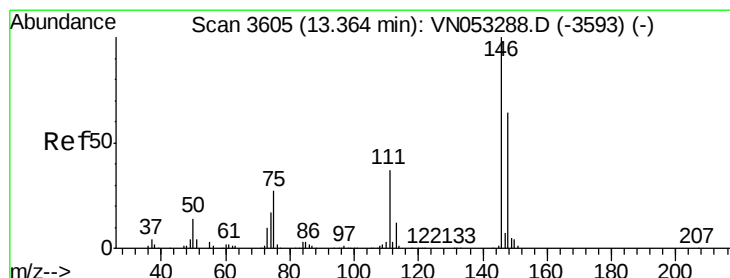
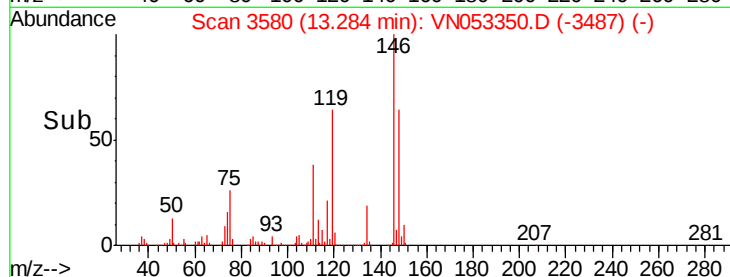
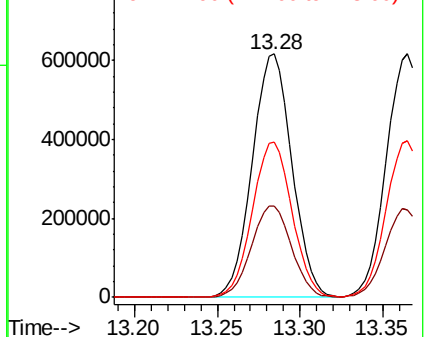


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 49.906 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

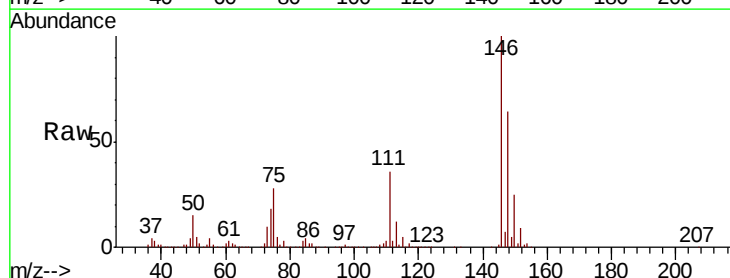
Tgt Ion:146 Resp: 1006743

Ion Ratio Lower Upper

146 100

111 36.9 18.6 55.8

148 64.5 32.0 96.0

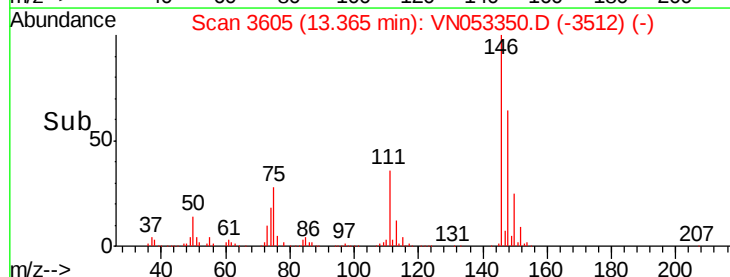
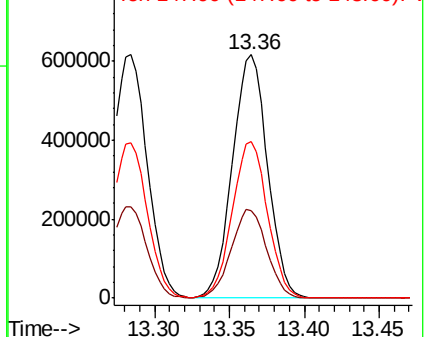


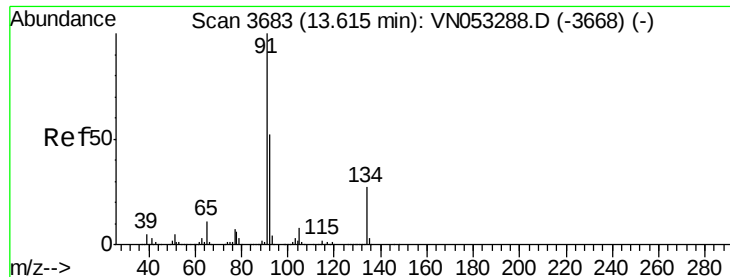
Abundance

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

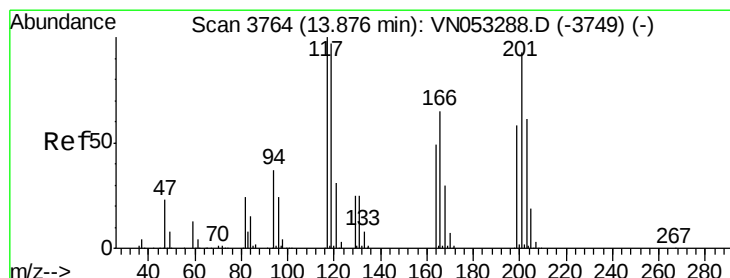
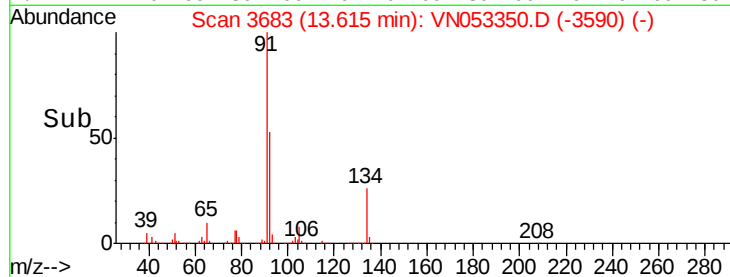
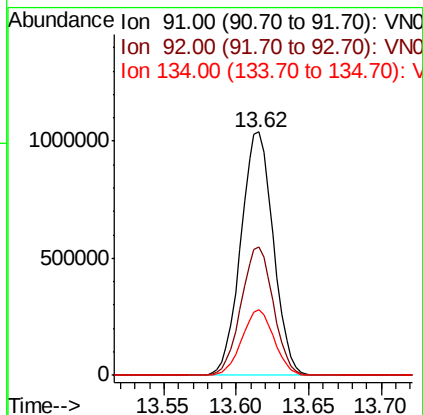
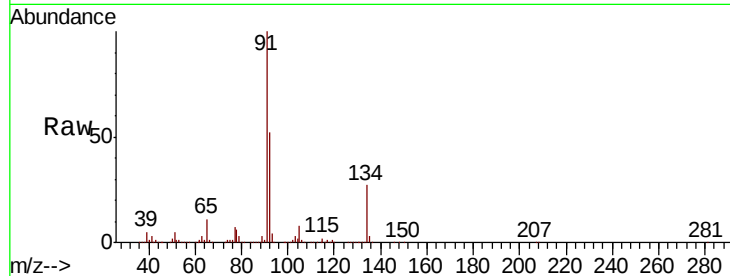




#89
n-Butylbenzene
Concen: 55.242 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

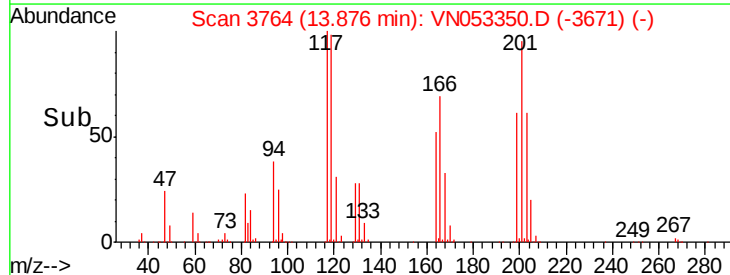
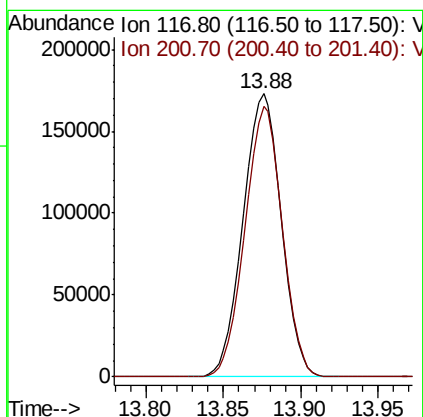
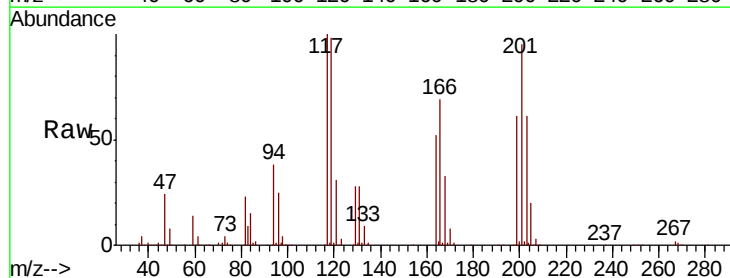
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

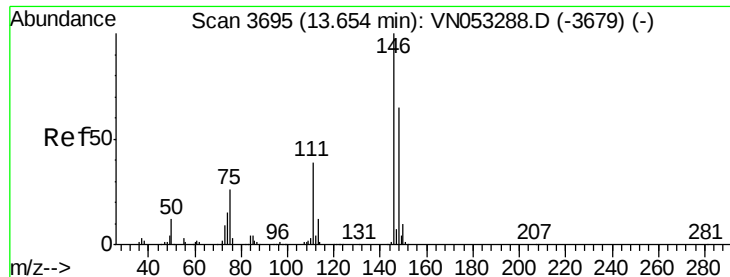
Tgt Ion: 91 Resp: 1617104
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 26.8 13.5 40.5



#90
Hexachloroethane
Concen: 53.236 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053350.D
Acq: 10 Jan 2019 19:29

Tgt Ion: 117 Resp: 297924
Ion Ratio Lower Upper
117 100
201 93.0 46.1 138.3

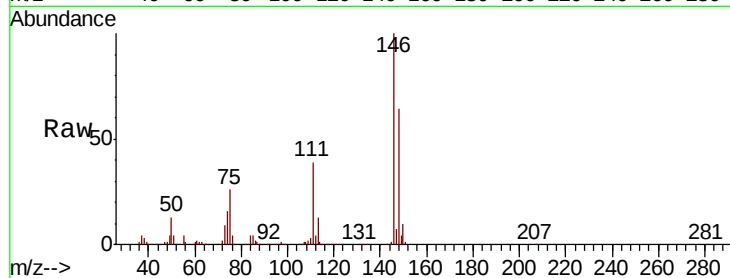




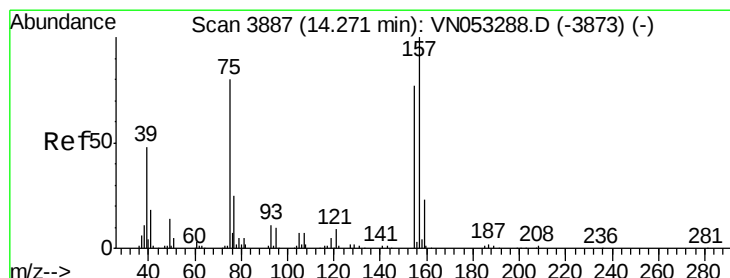
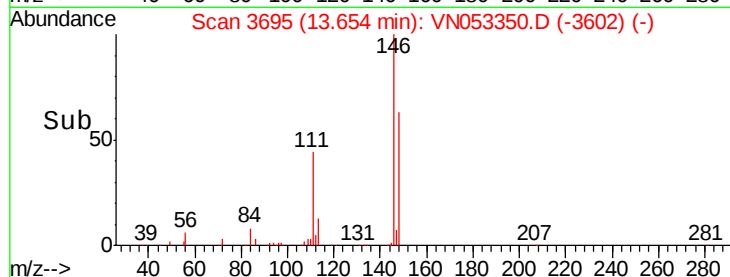
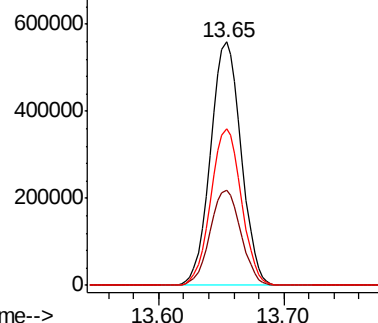
#91
 1,2-Dichlorobenzene
 Concen: 49.676 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 946261
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.4 58.2
 148 64.2 32.2 96.6

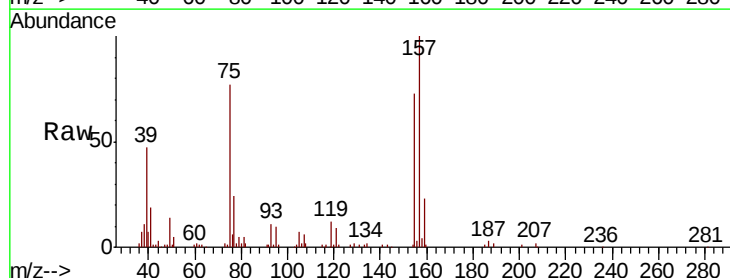


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

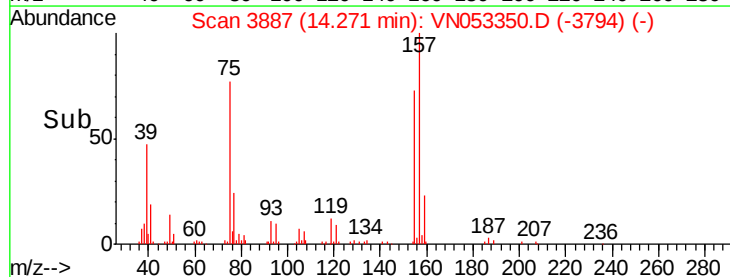
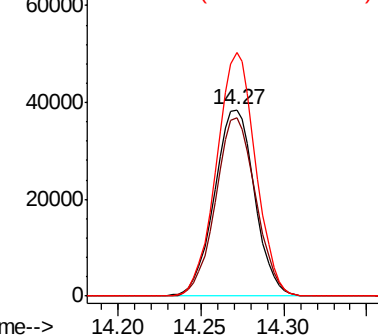


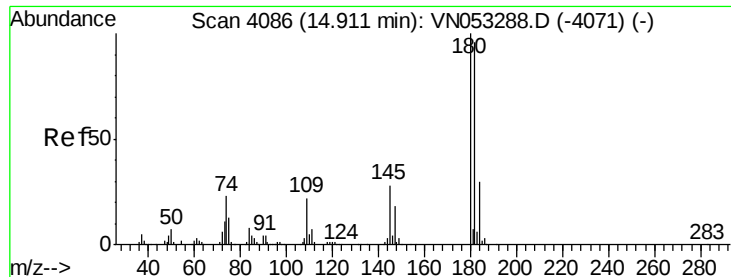
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.818 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion: 75 Resp: 64970
 Ion Ratio Lower Upper
 75 100
 155 95.4 48.1 144.3
 157 126.9 61.5 184.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

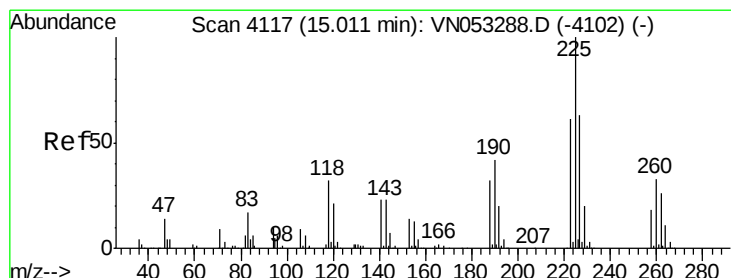
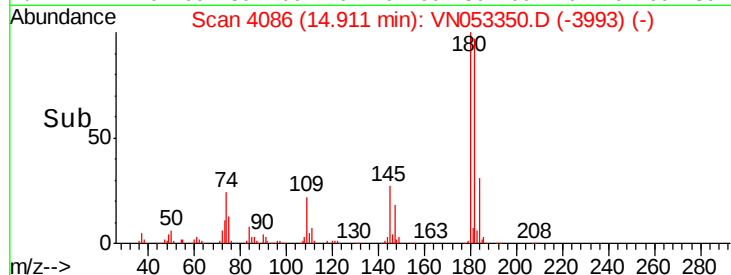
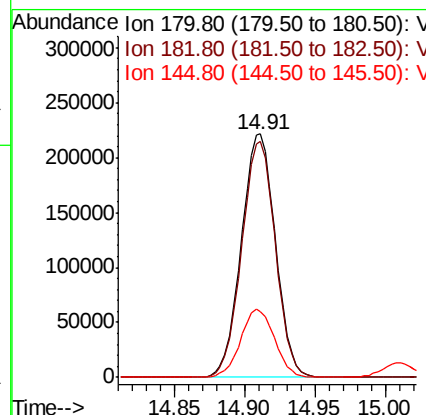
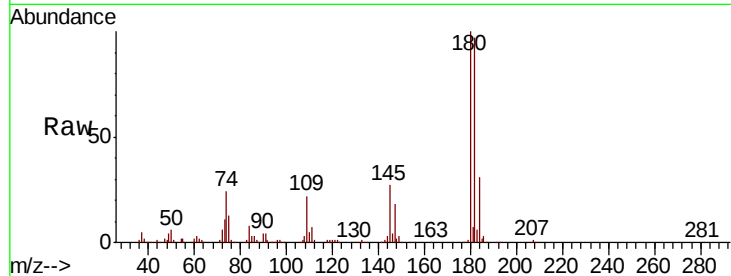




#93
 1,2,4-Trichlorobenzene
 Concen: 62.567 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

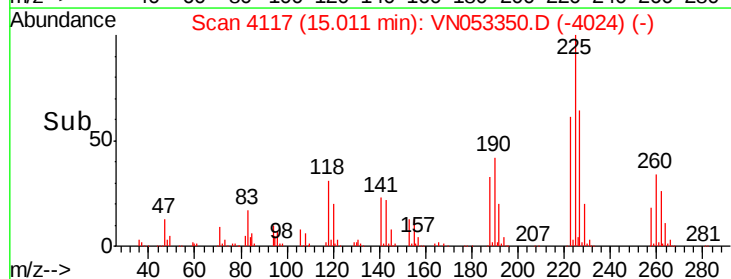
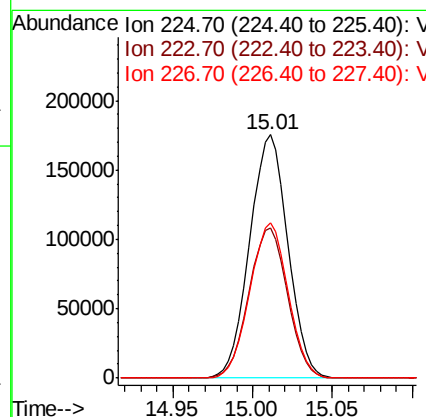
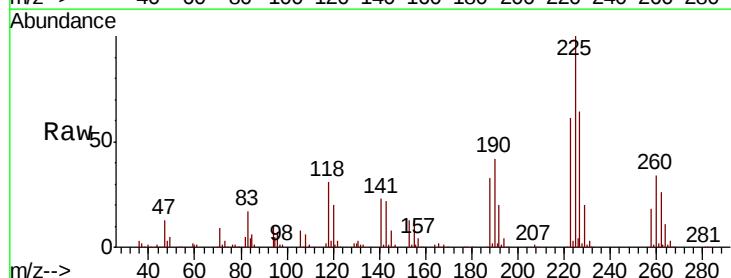
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

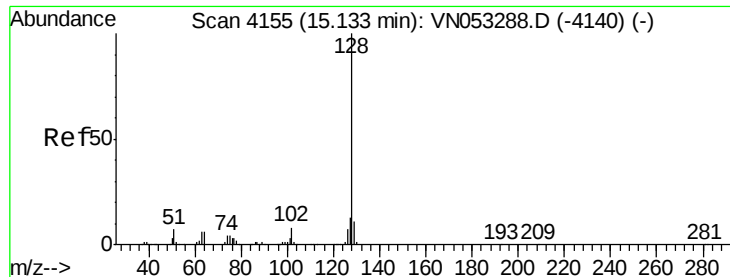
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	27.9	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 58.427 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053350.D
 Acq: 10 Jan 2019 19:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.8
227	63.9	31.4	94.2





#95

Naphthalene

Concen: 66.408 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

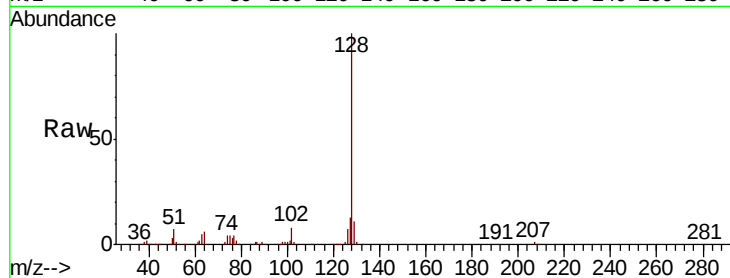
Tgt Ion:128 Resp: 678525

Ion Ratio Lower Upper

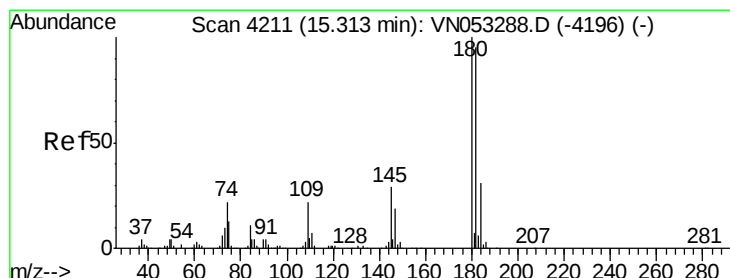
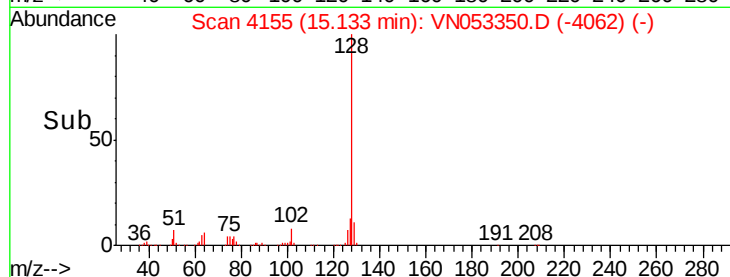
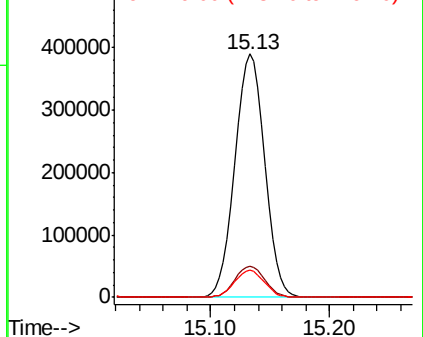
128 100

127 12.9 10.4 15.6

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 67.898 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053350.D

Acq: 10 Jan 2019 19:29

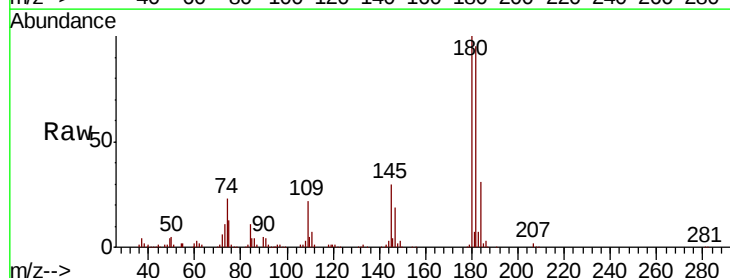
Tgt Ion:180 Resp: 266251

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.0

145 30.1 14.9 44.5



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

