

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053090.D
 Acq On : 21 Dec 2018 7:02
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 21 07:40:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1100888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1718081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1508205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	648124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	610020	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.59	113	505031	64.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.70%	
50) Toluene-d8	10.09	98	2225517	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	740963	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	509467	45.726	ug/l	99
3) Chloromethane	2.06	50	612258	45.347	ug/l	100
4) Vinyl Chloride	2.19	62	644254	47.115	ug/l	100
5) Bromomethane	2.57	94	390881	41.259	ug/l	99
6) Chloroethane	2.71	64	386914	47.777	ug/l	99
7) Trichlorofluoromethane	3.03	101	839806	49.301	ug/l	99
8) Diethyl Ether	3.41	74	337162	52.466	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	523911	48.238	ug/l	98
10) Methyl Iodide	3.96	142	689576	45.211	ug/l	99
11) Tert butyl alcohol	4.78	59	183626	269.378	ug/l	99
12) 1,1-Dichloroethene	3.74	96	521135	49.665	ug/l	97
13) Acrolein	3.61	56	169706	274.563	ug/l	99
14) Allyl chloride	4.33	41	788871	48.536	ug/l	97
15) Acrylonitrile	4.99	53	989041	261.167	ug/l	99
16) Acetone	3.82	43	630433	287.808	ug/l	95
17) Carbon Disulfide	4.06	76	1489811	43.536	ug/l	100
18) Methyl Acetate	4.33	43	520320	52.290	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1492648	53.157	ug/l	99
20) Methylene Chloride	4.56	84	593689	49.686	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	558353	49.527	ug/l	98
22) Diisopropyl ether	5.95	45	1849103	53.300	ug/l	98
23) Vinyl Acetate	5.90	43	5450067	273.196	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1060336	51.434	ug/l	99
25) 2-Butanone	6.84	43	1034664	281.454	ug/l	97
26) 2,2-Dichloropropane	6.83	77	588534	37.398	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	648660	50.823	ug/l	97
28) Bromochloromethane	7.20	49	472536	52.898	ug/l	95
29) Tetrahydrofuran	7.21	42	733031	266.985	ug/l	98
30) Chloroform	7.37	83	1027962	50.760	ug/l	100
31) Cyclohexane	7.66	56	958894	49.586	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	875795	50.766	ug/l	99
36) 1,1-Dichloropropene	7.80	75	805944	48.873	ug/l	100
37) Ethyl Acetate	6.93	43	487362	52.940	ug/l	99
38) Carbon Tetrachloride	7.78	117	750892	49.678	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	921917	46.021	ug/l	97
40) Benzene	8.04	78	2446868	49.884	ug/l	100
41) Methacrylonitrile	7.17	41	281521	52.927	ug/l	97
42) 1,2-Dichloroethane	8.13	62	727350	50.195	ug/l	99
43) Isopropyl Acetate	8.16	43	927775	52.123	ug/l	99
44) Trichloroethene	8.84	130	667744	47.066	ug/l	98
45) 1,2-Dichloropropane	9.12	63	648960	50.794	ug/l	98
46) Dibromomethane	9.21	93	372033	49.986	ug/l	98
47) Bromodichloromethane	9.40	83	793829	50.176	ug/l	100
48) Methyl methacrylate	9.20	41	465273	52.084	ug/l	98
49) 1,4-Dioxane	9.20	88	106590	943.276	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2387181	267.767	ug/l	99
52) Toluene	10.16	92	1501921	49.400	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	792052	47.610	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	918341	48.091	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	542901	51.185	ug/l	99
56) Ethyl methacrylate	10.43	69	744801	53.052	ug/l	97
57) 1,3-Dichloropropane	10.71	76	924830	50.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2034829	264.011	ug/l	99
59) 2-Hexanone	10.75	43	1589898	263.584	ug/l	98
60) Dibromochloromethane	10.90	129	603121	49.675	ug/l	100
61) 1,2-Dibromoethane	11.01	107	547457	50.821	ug/l	100
64) Tetrachloroethene	10.63	164	713091	43.648	ug/l	99
65) Chlorobenzene	11.43	112	1649357	49.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	594648	51.148	ug/l	100
67) Ethyl Benzene	11.51	91	2854255	49.643	ug/l	100
68) m/p-Xylenes	11.62	106	2120065	96.996	ug/l	99
69) o-Xylene	11.95	106	1035191	49.356	ug/l	100
70) Styrene	11.96	104	1706916	49.910	ug/l	99
71) Bromoform	12.13	173	407671	48.539	ug/l	99
73) Isopropylbenzene	12.25	105	2743478	54.101	ug/l	99
74) N-amyl acetate	12.07	43	804632	57.151	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	598280	60.138	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	774002	70.941	ug/l #	100
77) Bromobenzene	12.53	156	731609	55.502	ug/l	93
78) n-propylbenzene	12.59	91	3031318	52.487	ug/l	100
79) 2-Chlorotoluene	12.68	91	1783116	49.809	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2099709	50.800	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	162886	48.119	ug/l	97
82) 4-Chlorotoluene	12.77	91	1798048	51.309	ug/l	99
83) tert-Butylbenzene	12.99	119	1872852	51.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2096400	50.453	ug/l	100
85) sec-Butylbenzene	13.17	105	2431805	49.182	ug/l	100
86) p-Isopropyltoluene	13.29	119	2087702	48.864	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1145823	49.113	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1124246	47.585	ug/l	100
89) n-Butylbenzene	13.62	91	1662508	45.231	ug/l	100
90) Hexachloroethane	13.88	117	346165	52.798	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1066768	48.584	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	82854	48.166	ug/l	96

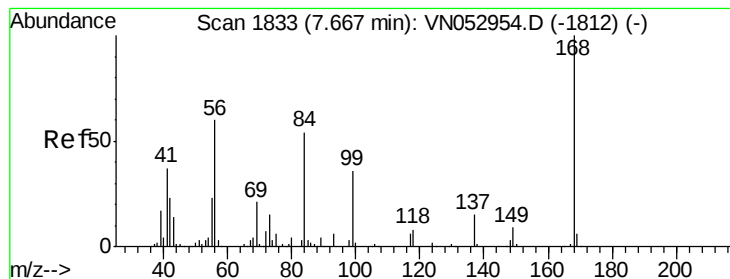
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	550275	47.335	ug/l	100
94) Hexachlorobutadiene	15.01	225	303174	50.354	ug/l	99
95) Naphthalene	15.13	128	1254880	49.262	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	499258	47.683	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

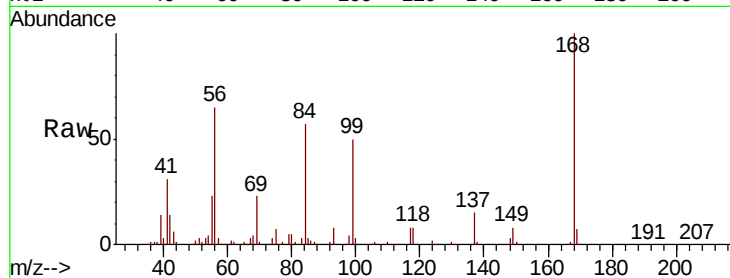
VSTDCCC050EC

Tot Ion:168 Resp: 1100888

Ion Ratio Lower Upper

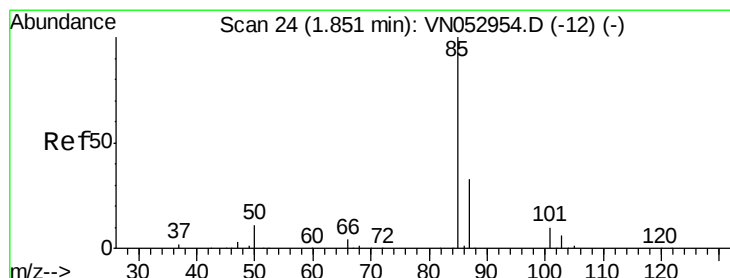
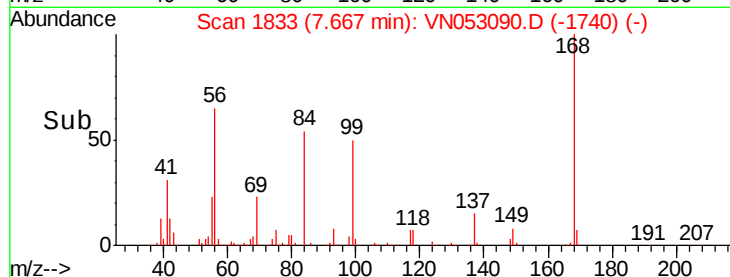
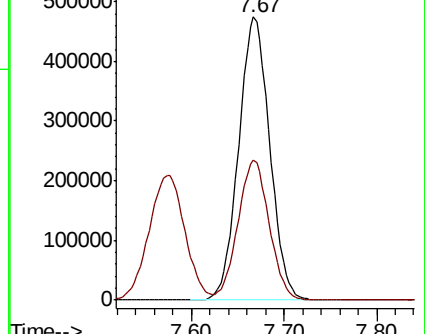
168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.726 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053090.D

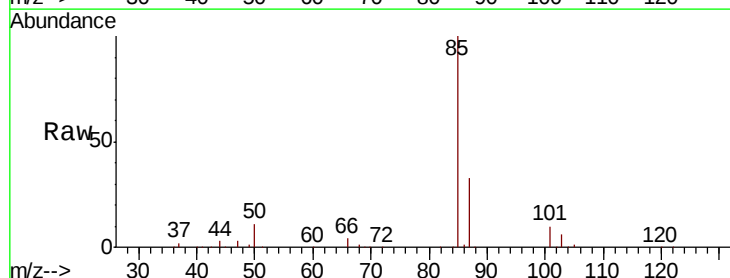
Acq: 21 Dec 2018 7:02

Tgt Ion: 85 Resp: 509467

Ion Ratio Lower Upper

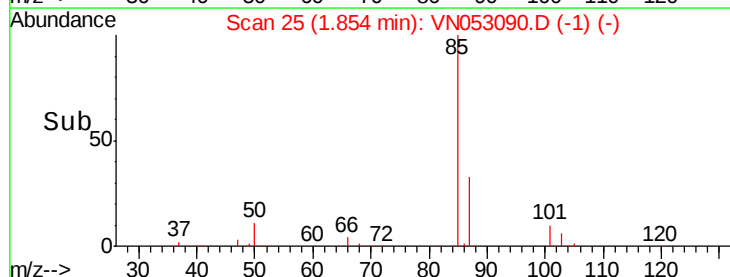
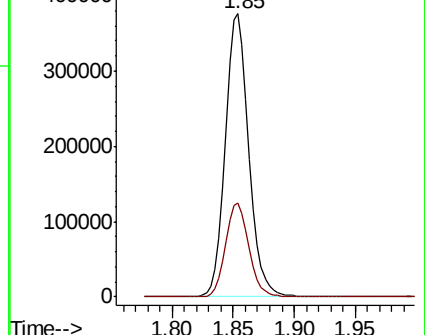
85 100

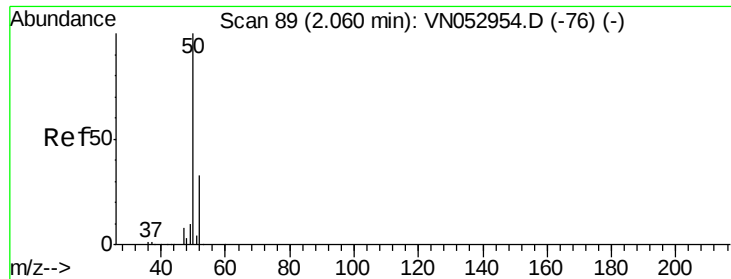
87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 45.347 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

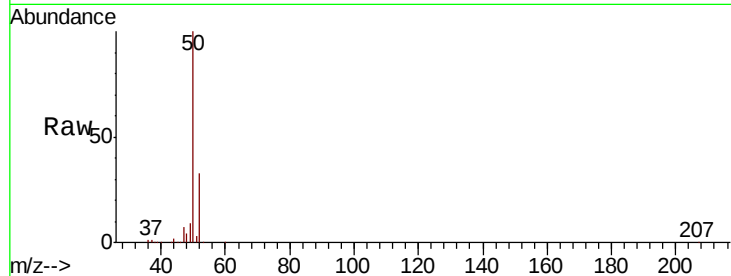
VSTDCCC050EC

Tot Ion: 50 Resp: 612258

Ion Ratio Lower Upper

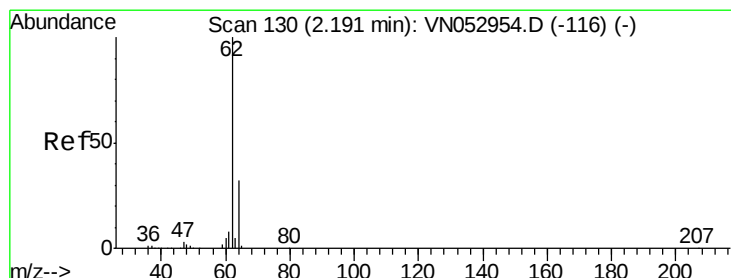
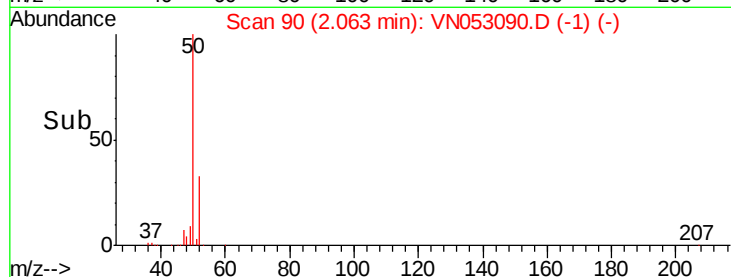
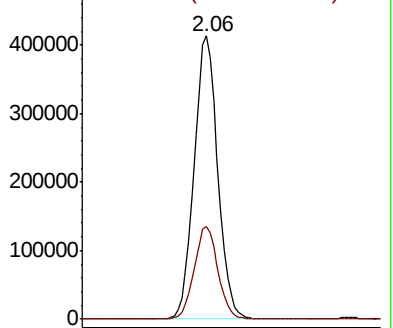
50 100

52 32.8 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 47.115 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053090.D

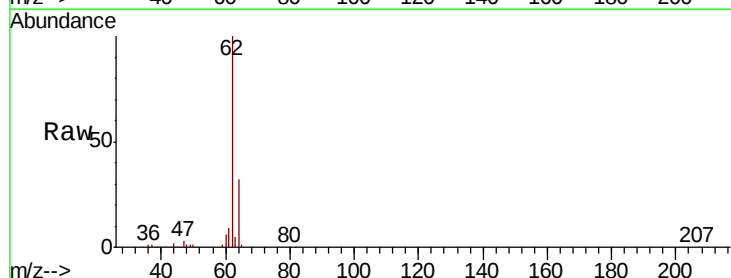
Acq: 21 Dec 2018 7:02

Tgt Ion: 62 Resp: 644254

Ion Ratio Lower Upper

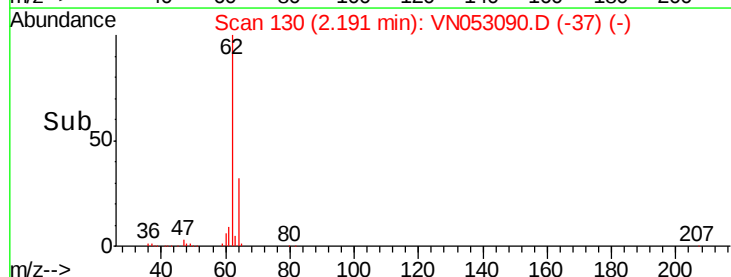
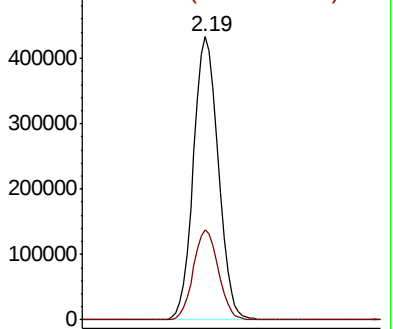
62 100

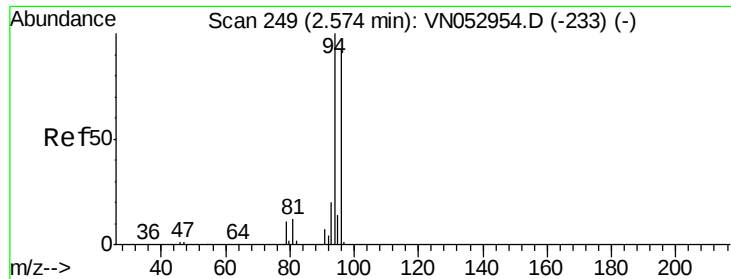
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 41.259 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

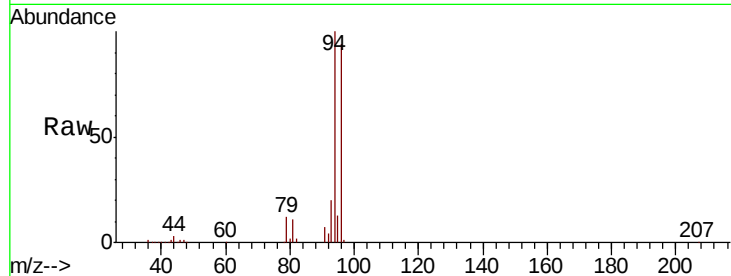
VSTDCCC050EC

Tot Ion: 94 Resp: 390881

Ion Ratio Lower Upper

94 100

96 94.2 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN052954.D (-233) (-)

Ion 95.90 (95.60 to 96.60): VN052954.D (-233) (-)

2.57

200000

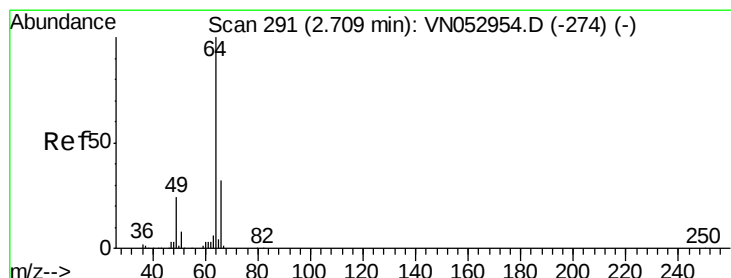
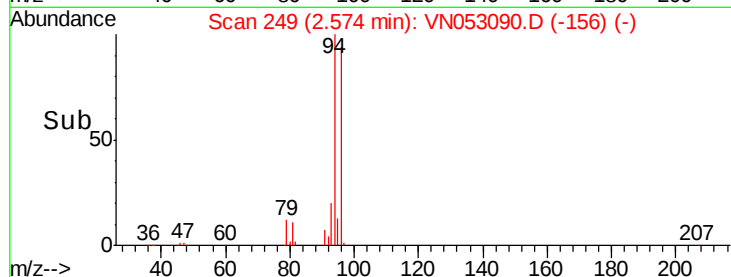
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 47.777 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN053090.D

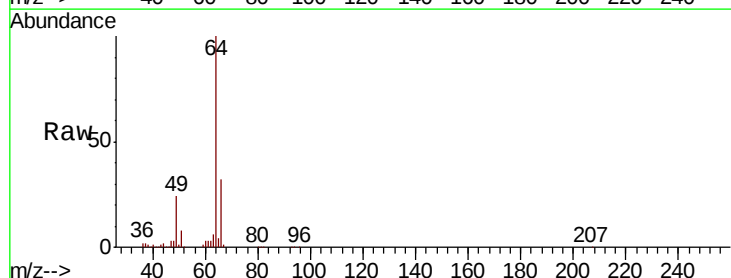
Acq: 21 Dec 2018 7:02

Tgt Ion: 64 Resp: 386914

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN052954.D (-274) (-)

Ion 65.90 (65.60 to 66.60): VN052954.D (-274) (-)

2.71

200000

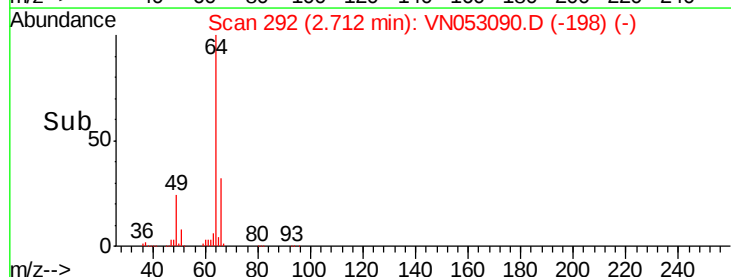
150000

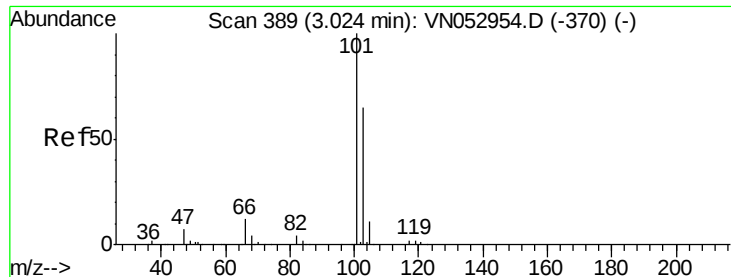
100000

50000

0

Time-->



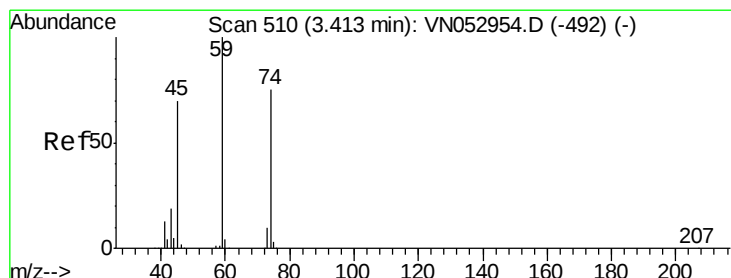
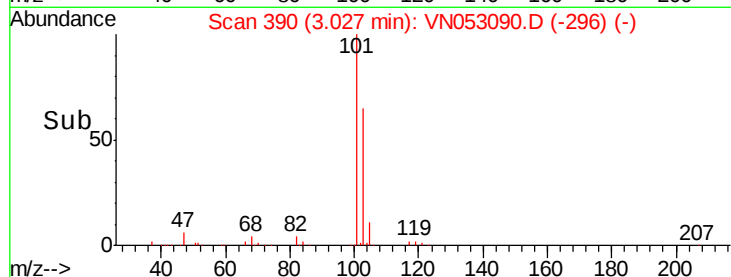
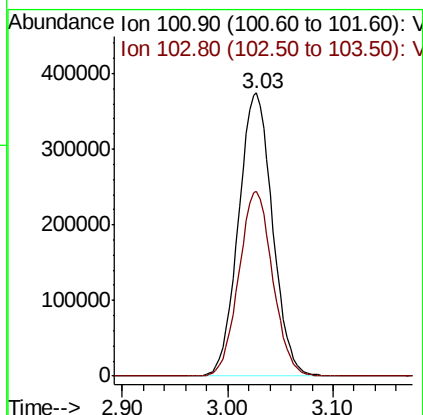
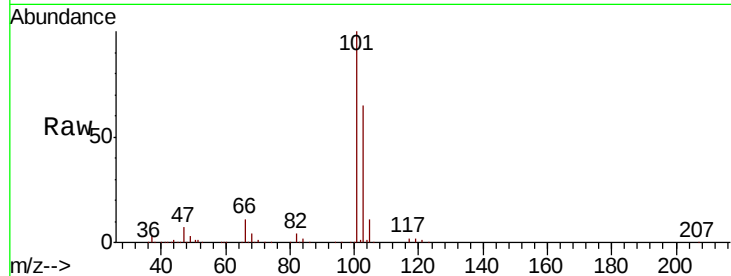


#7

Trichlorofluoromethane
 Concen: 49.301 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

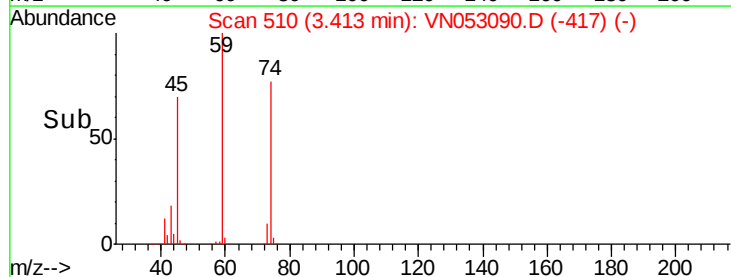
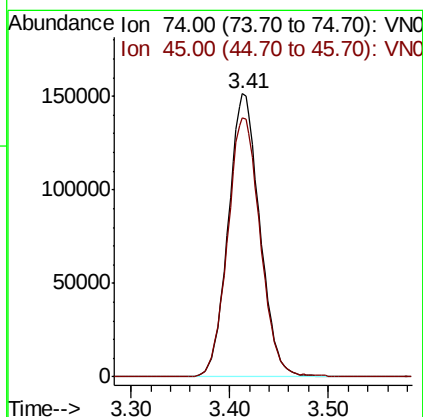
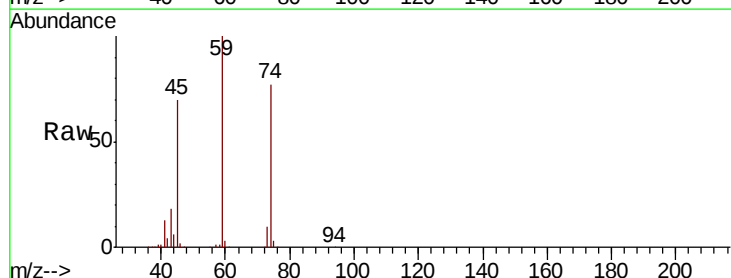
Tot Ion:101 Resp: 839806
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

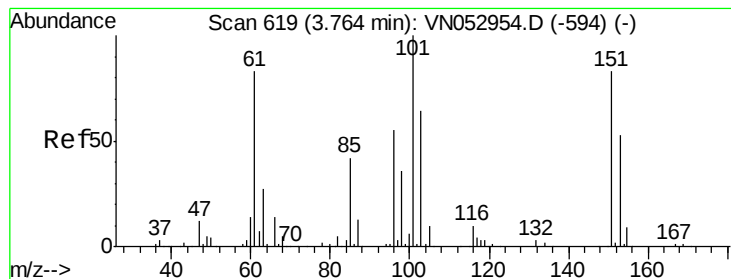


#8

Diethyl Ether
 Concen: 52.466 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion: 74 Resp: 337162
 Ion Ratio Lower Upper
 74 100
 45 94.0 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.238 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

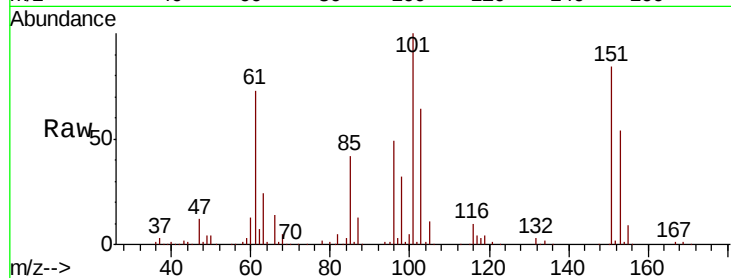
Tot Ion:101 Resp: 523911

Ion Ratio Lower Upper

101 100

85 41.5 33.6 50.4

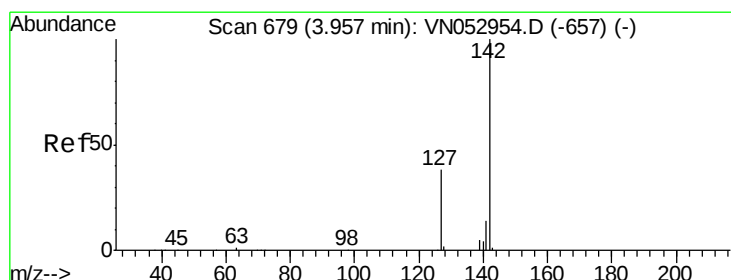
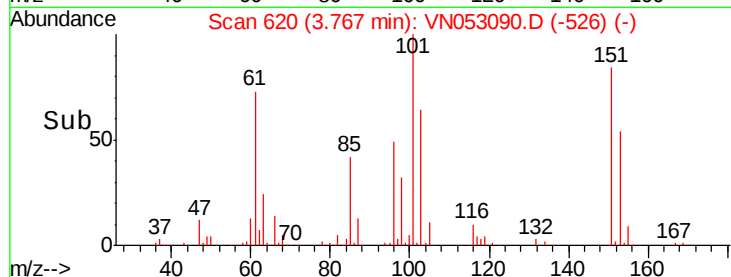
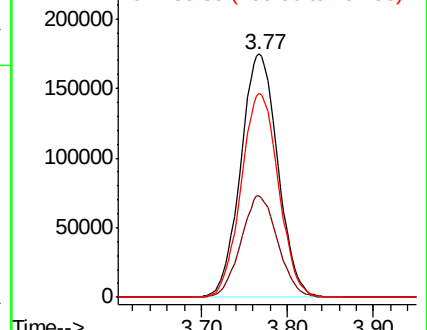
151 84.3 65.5 98.3



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: 45.211 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

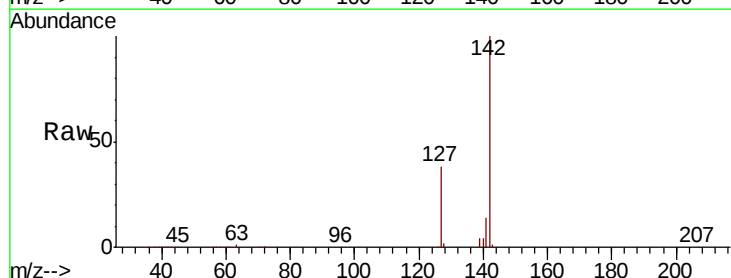
Tgt Ion:142 Resp: 689576

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.6

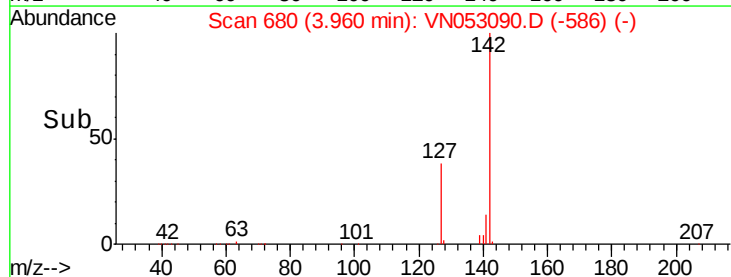
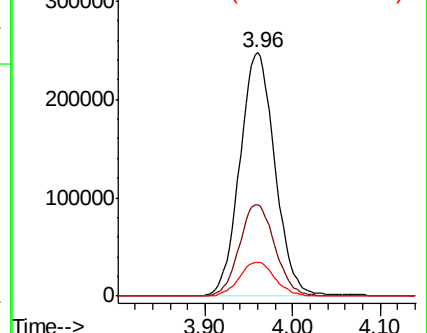
141 14.1 11.2 16.8

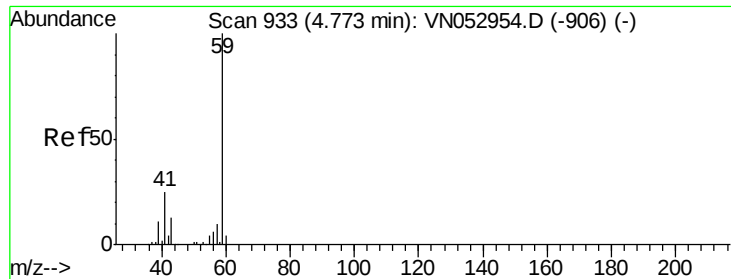


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



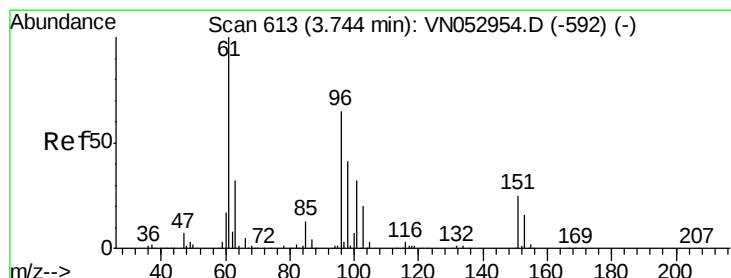
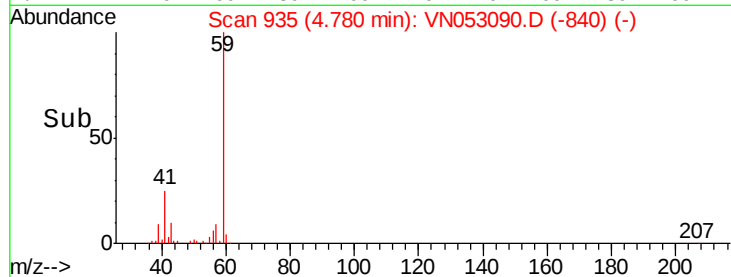
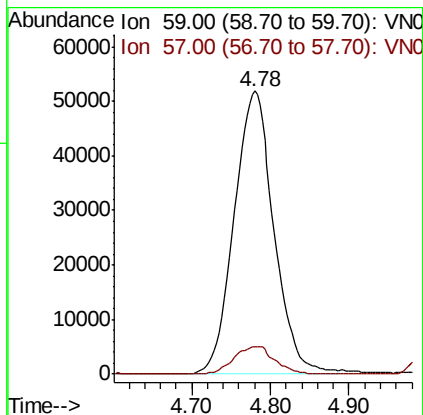
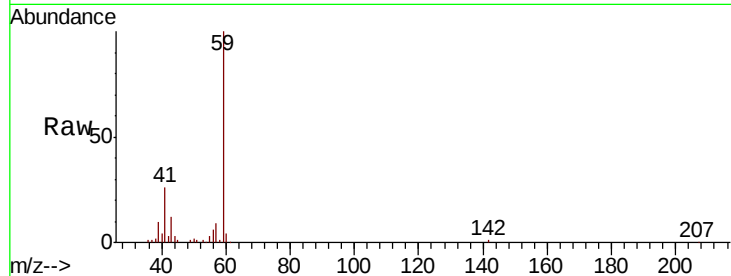


#11

Tert butyl alcohol
 Concen: 269.378 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

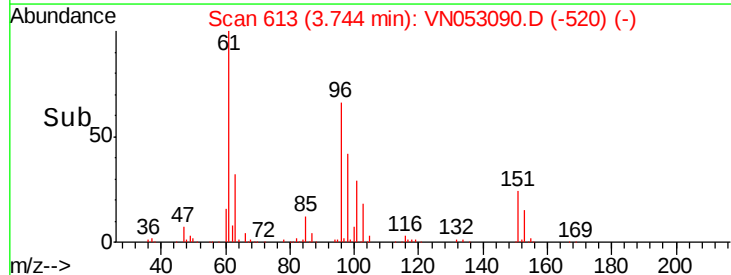
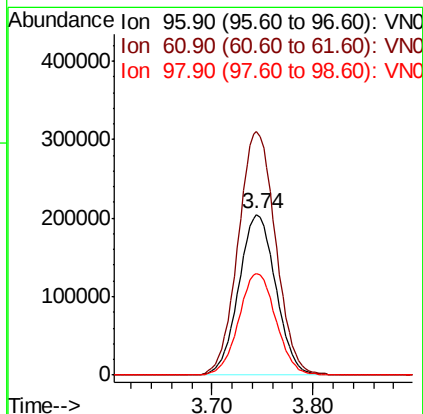
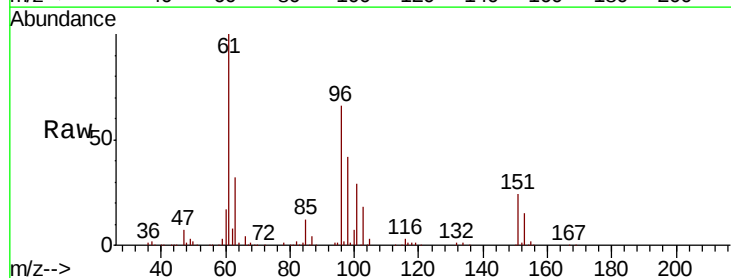
Tot Ion: 59 Resp: 183626
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

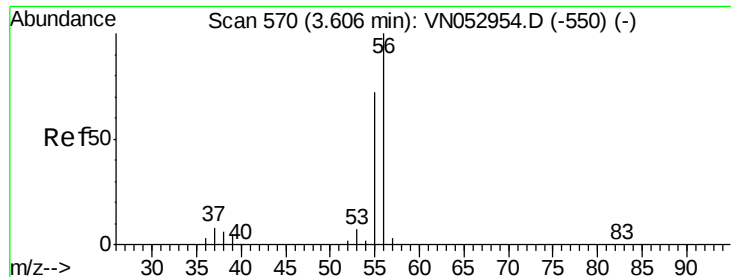


#12

1,1-Dichloroethene
 Concen: 49.665 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion: 96 Resp: 521135
 Ion Ratio Lower Upper
 96 100
 61 151.8 125.6 188.4
 98 63.6 50.6 75.8





#13

Acrolein

Concen: 274.563 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

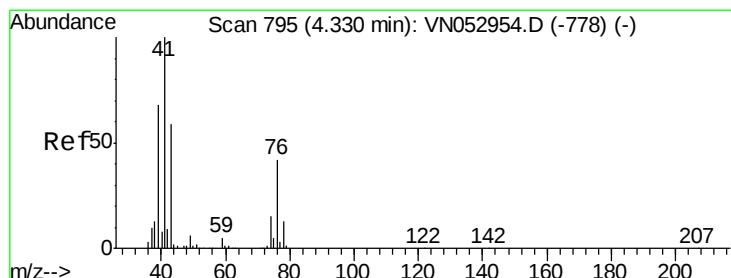
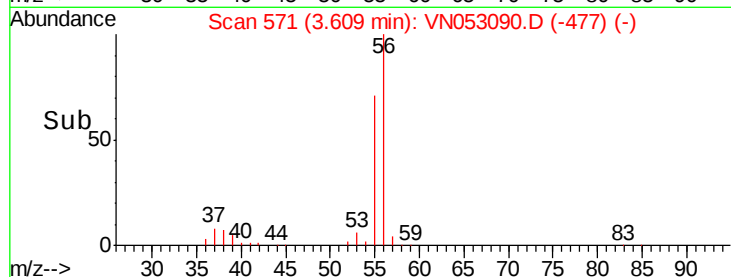
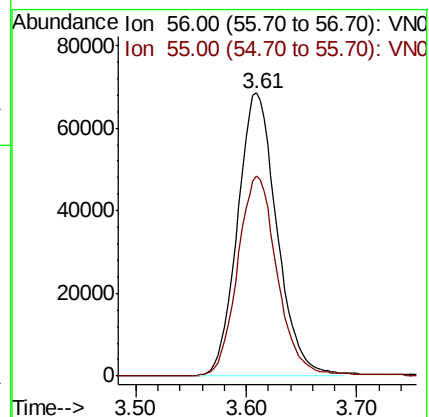
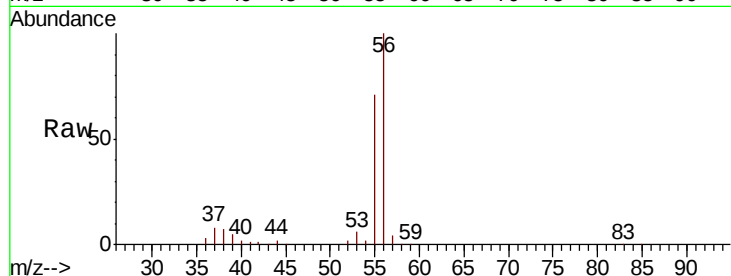
VSTDCCC050EC

Tot Ion: 56 Resp: 169706

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



#14

Allyl chloride

Concen: 48.536 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

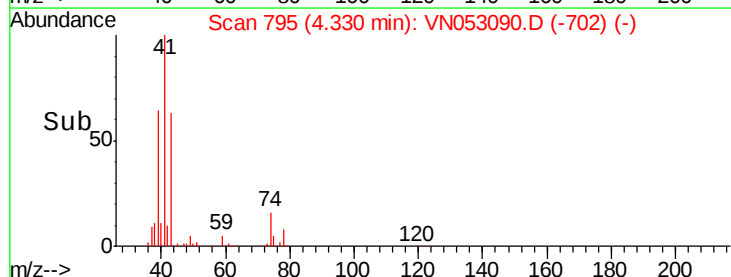
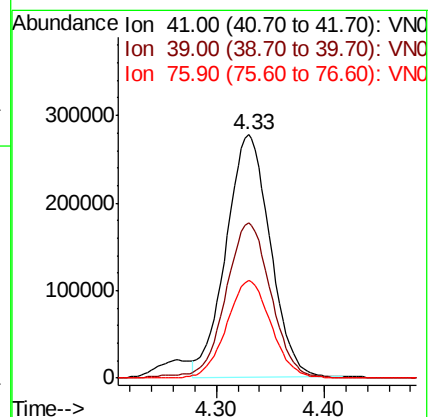
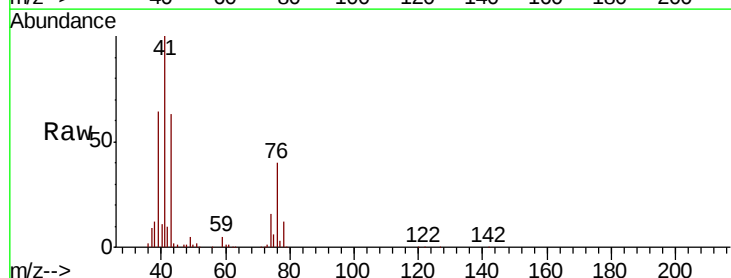
Tgt Ion: 41 Resp: 788871

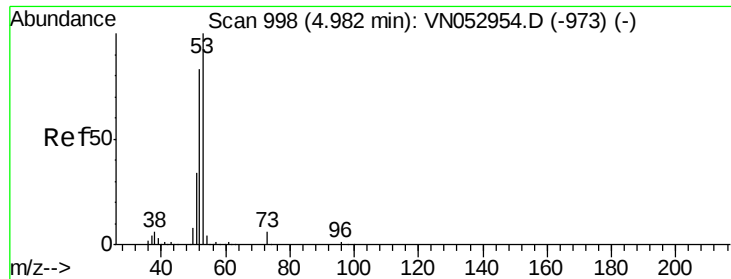
Ion Ratio Lower Upper

41 100

39 66.0 54.1 81.1

76 40.0 30.3 45.5





#15

Acrylonitrile

Concen: 261.167 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

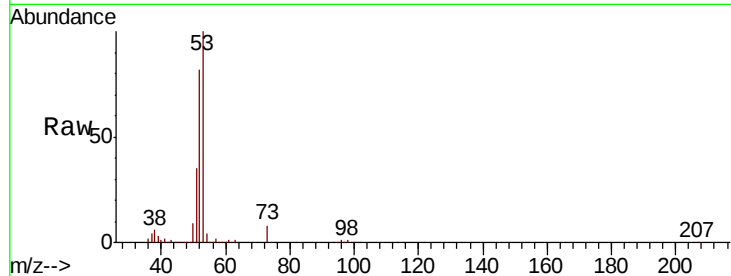
Tot Ion: 53 Resp: 989041

Ion Ratio Lower Upper

53 100

52 82.4 65.1 97.7

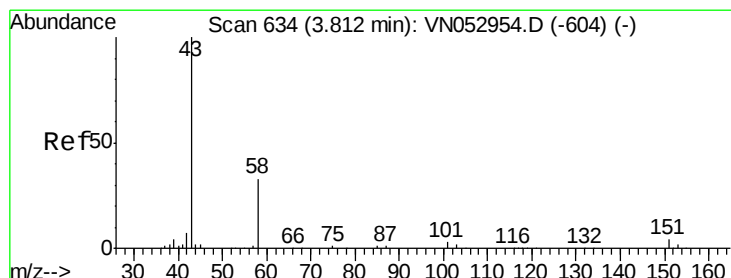
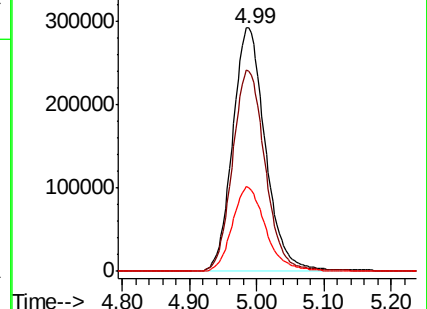
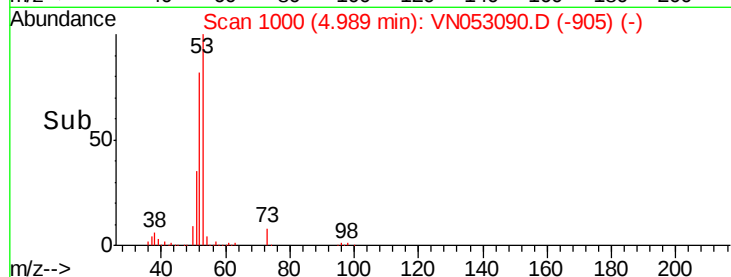
51 35.5 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN053090.D (-1000) (-)

Ion 52.00 (51.70 to 52.70): VN053090.D (-1000) (-)

Ion 51.00 (50.70 to 51.70): VN053090.D (-1000) (-)



#16

Acetone

Concen: 287.808 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053090.D

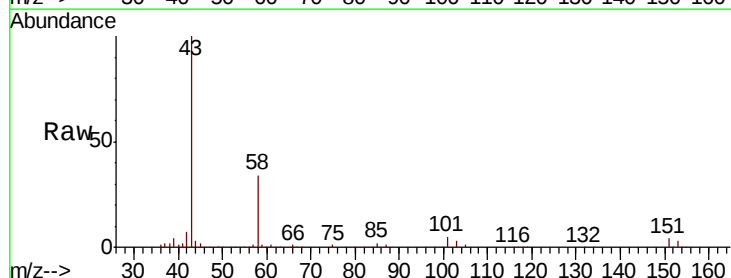
Acq: 21 Dec 2018 7:02

Tgt Ion: 43 Resp: 630433

Ion Ratio Lower Upper

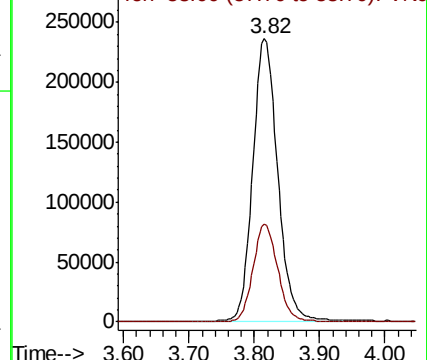
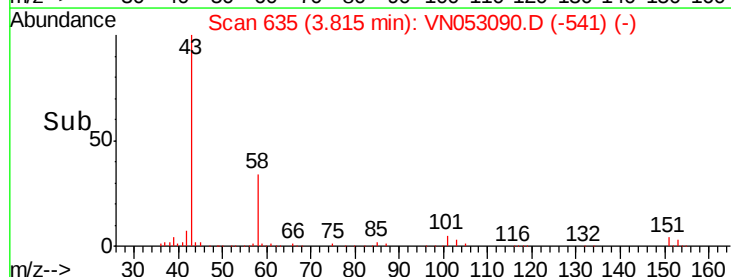
43 100

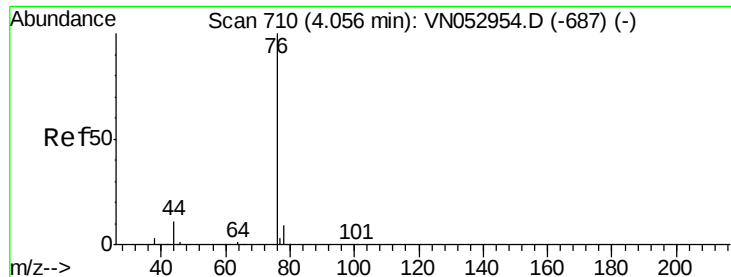
58 34.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053090.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053090.D (-541) (-)

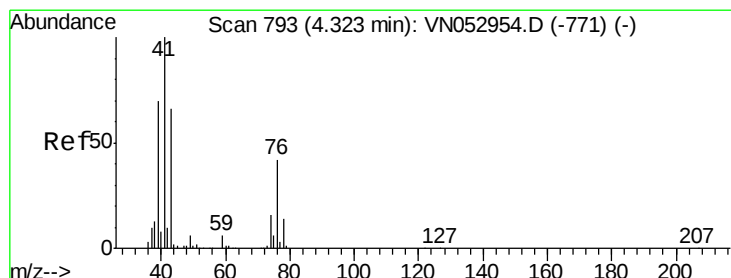
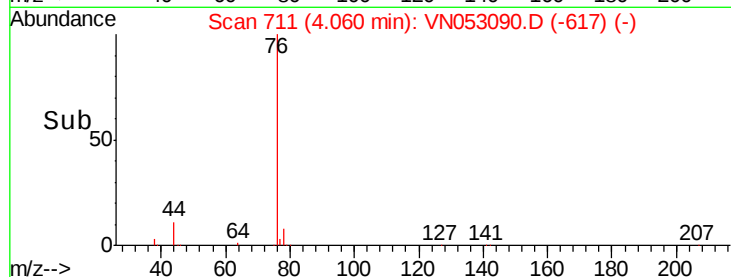
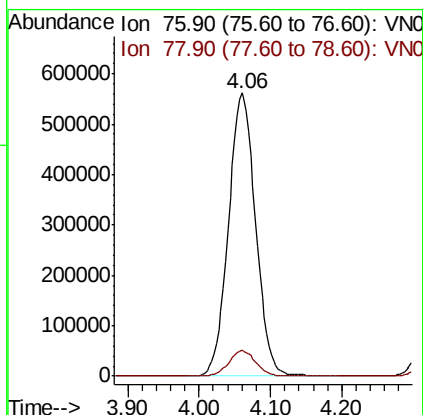
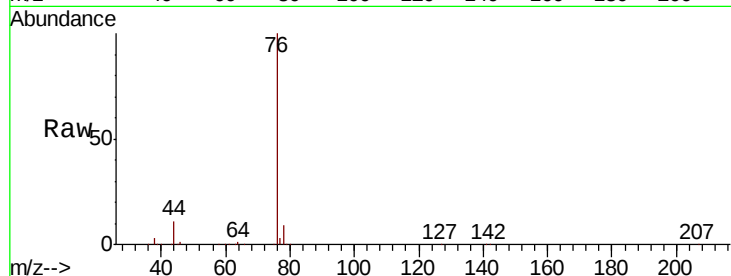




#17
Carbon Disulfide
Concen: 43.536 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

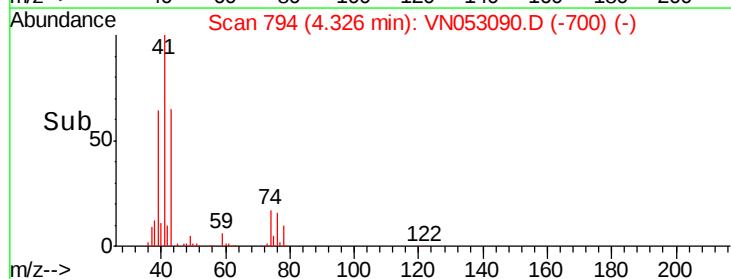
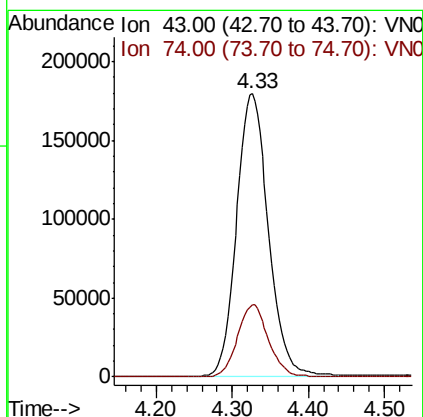
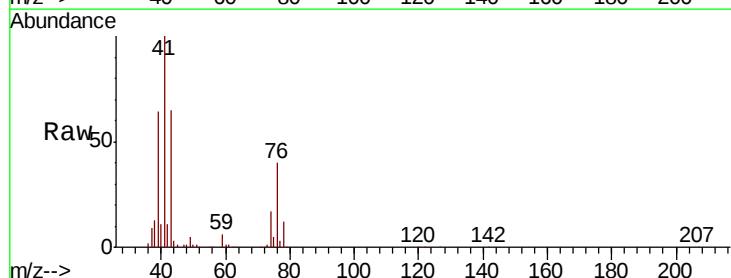
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

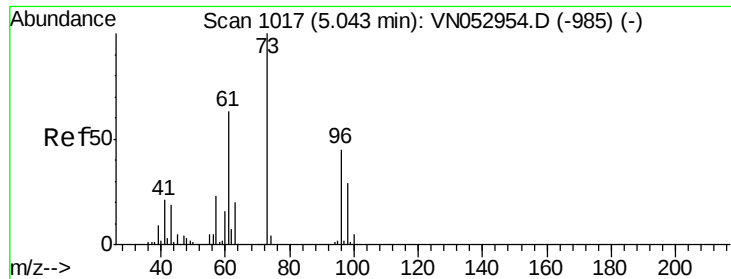
Tot Ion: 76 Resp: 1489811
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 52.290 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 43 Resp: 520320
Ion Ratio Lower Upper
43 100
74 24.9 19.2 28.8

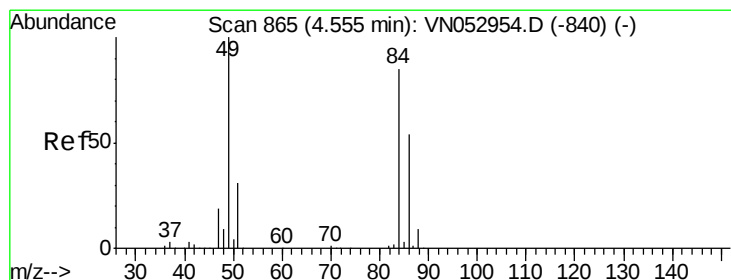
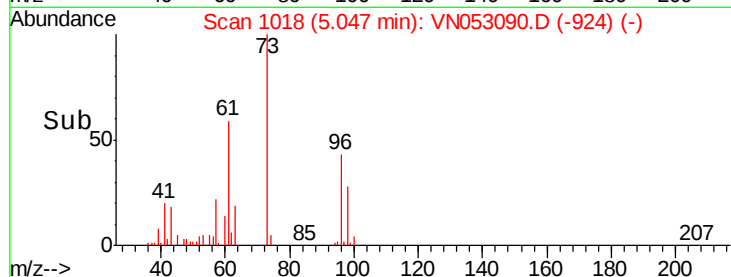
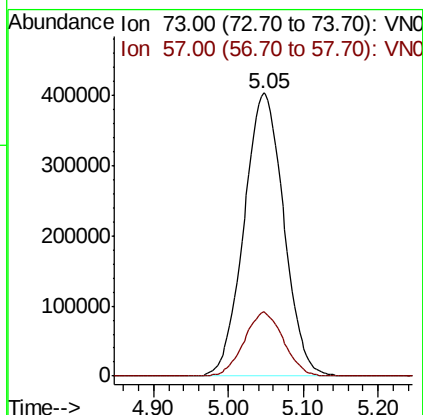
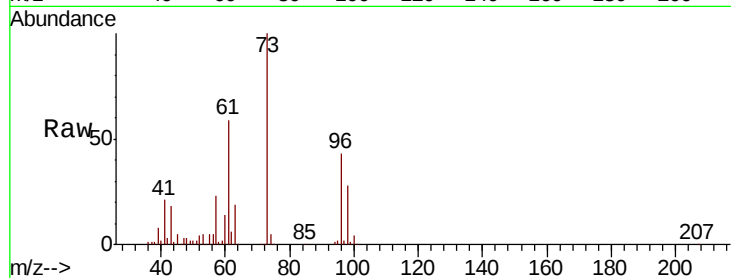




#19
Methvl tert-butvl Ether
Concen: 53.157 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

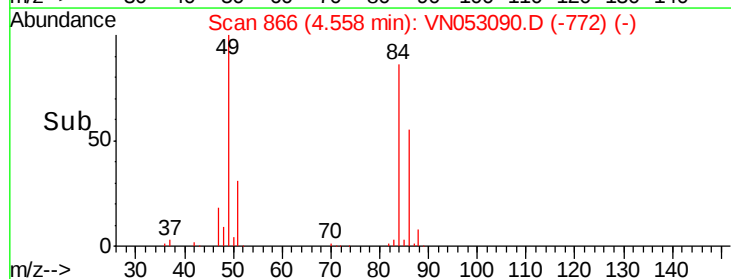
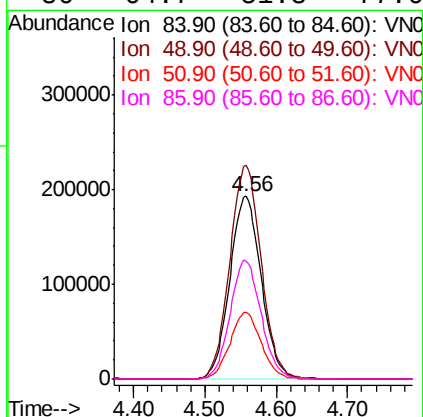
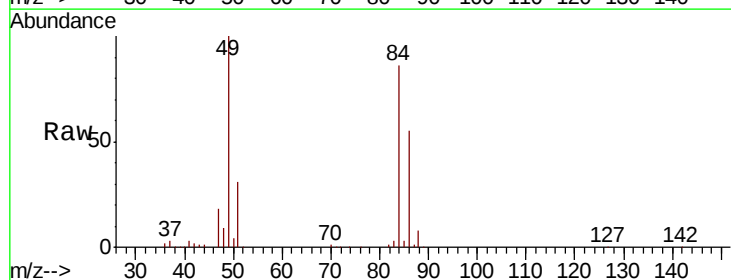
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

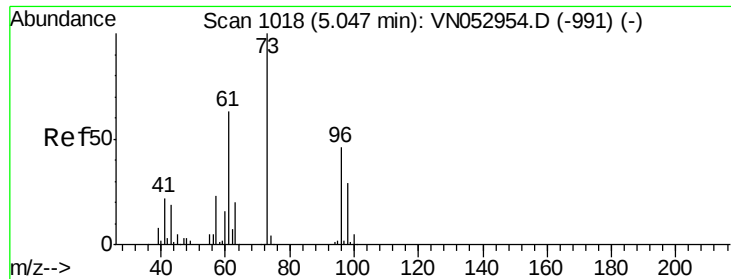
Tot Ion: 73 Resp: 1492648
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6



#20
Methylene Chloride
Concen: 49.686 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 84 Resp: 593689
Ion Ratio Lower Upper
84 100
49 116.9 96.8 145.2
51 36.6 29.9 44.9
86 64.7 51.8 77.6

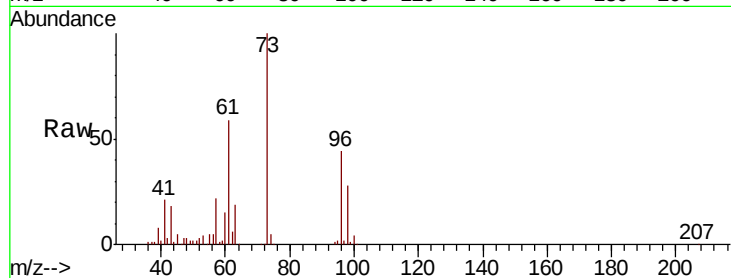




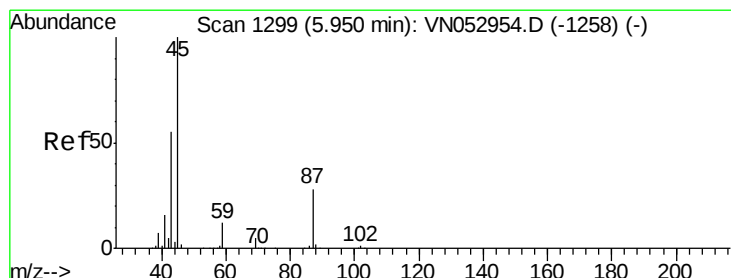
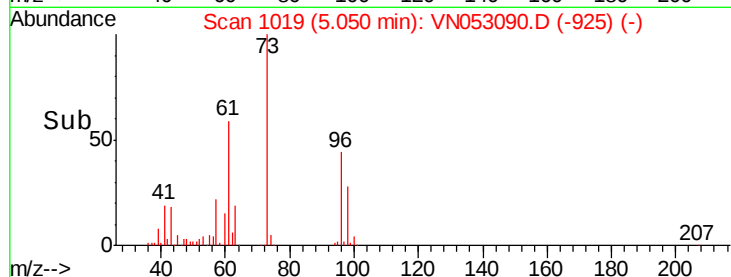
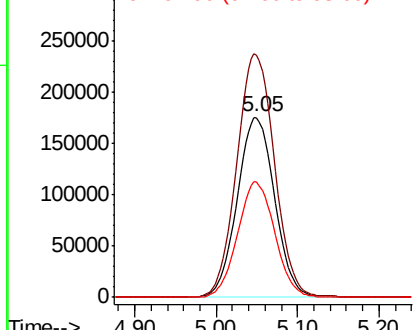
#21
trans-1,2-Dichloroethene
Concen: 49.527 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 558353
Ion Ratio Lower Upper
96 100
61 135.0 110.8 166.2
98 64.2 51.4 77.2

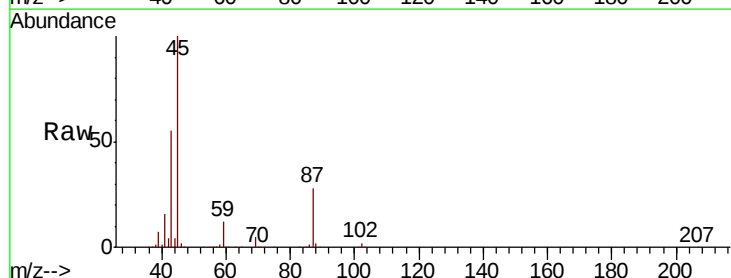


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

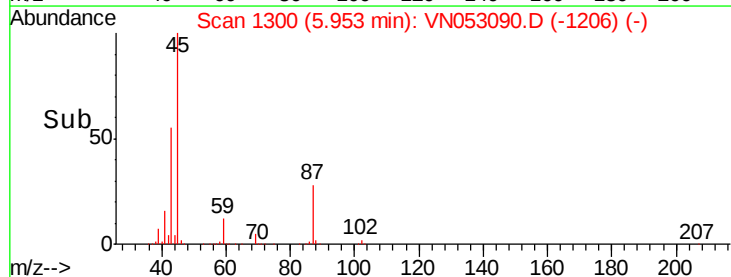
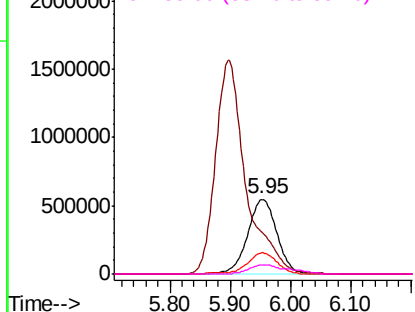


#22
Diisopropyl ether
Concen: 53.300 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 45 Resp: 1849103
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 28.3 22.0 33.0
59 12.3 9.4 14.0



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

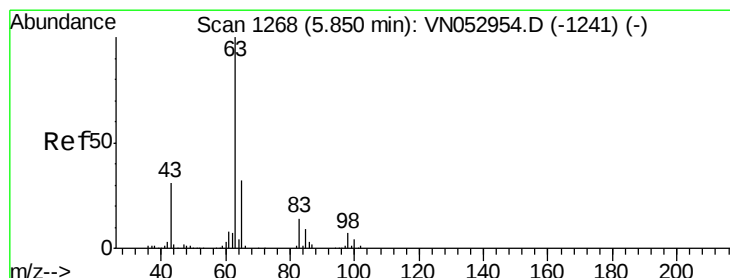
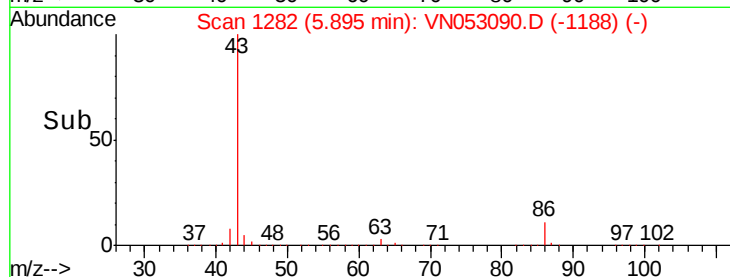
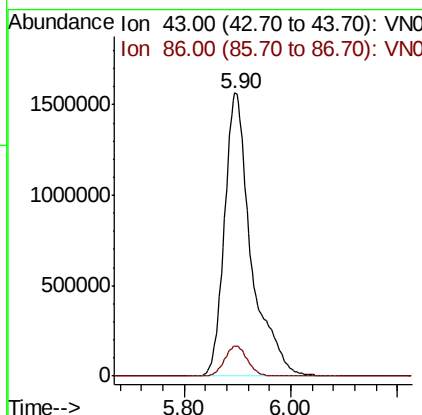
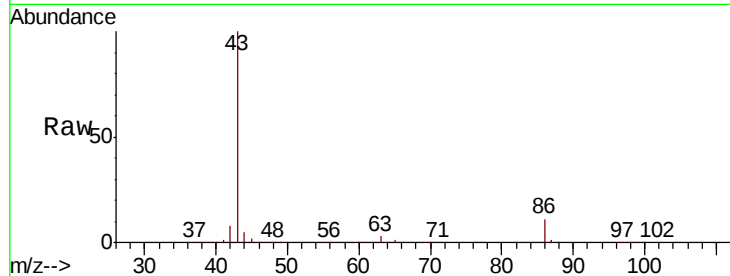




#23
 Vinyl Acetate
 Concen: 273.196 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

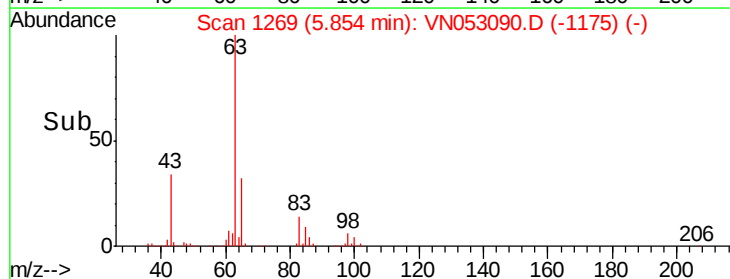
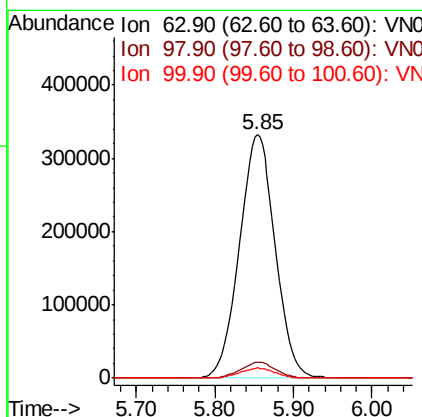
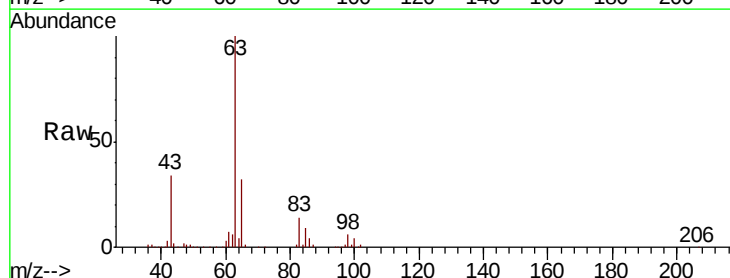
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

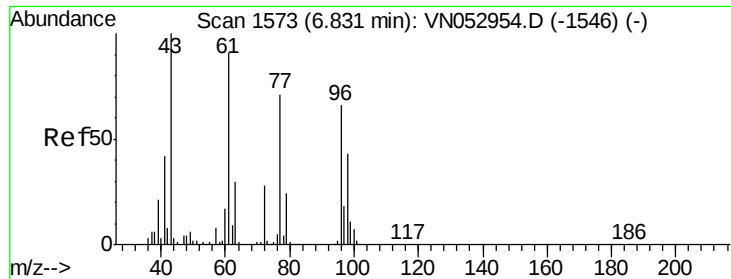
Tot Ion: 43 Resp: 5450067
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 51.434 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion: 63 Resp: 1060336
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 281.454 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

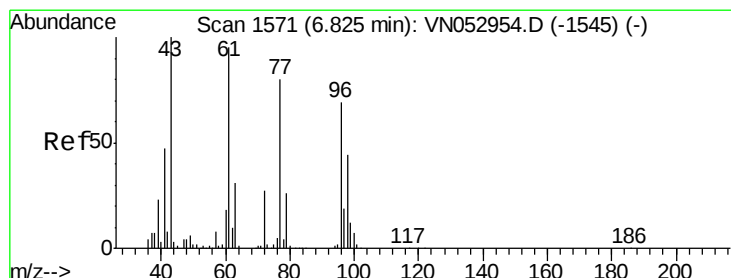
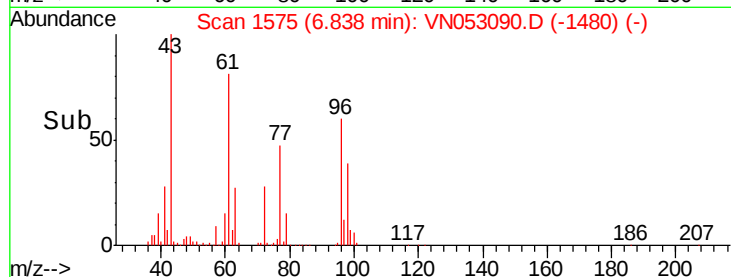
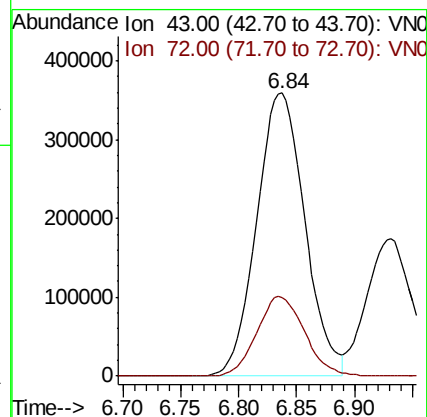
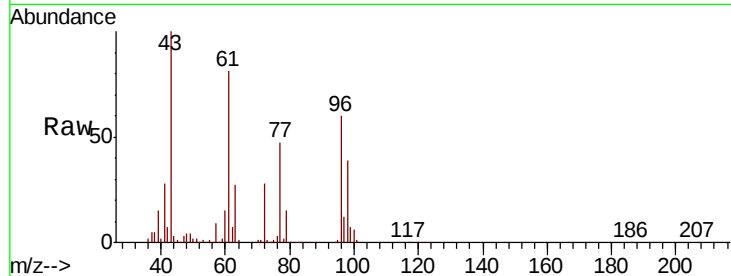
VSTDCCC050EC

Tot Ion: 43 Resp: 1034664

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 37.398 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053090.D

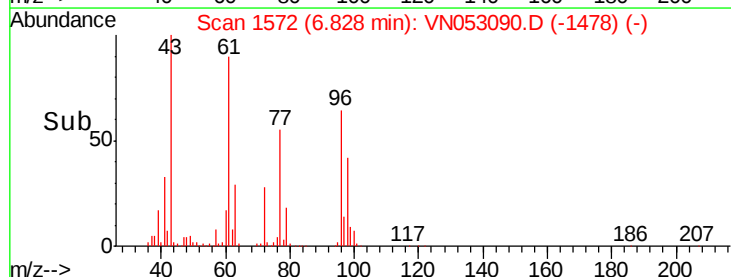
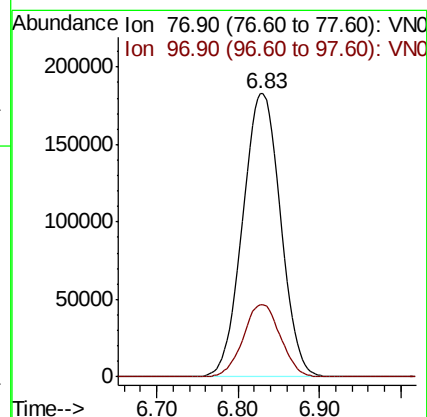
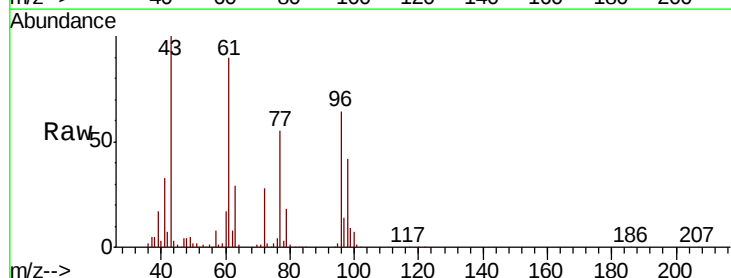
Acq: 21 Dec 2018 7:02

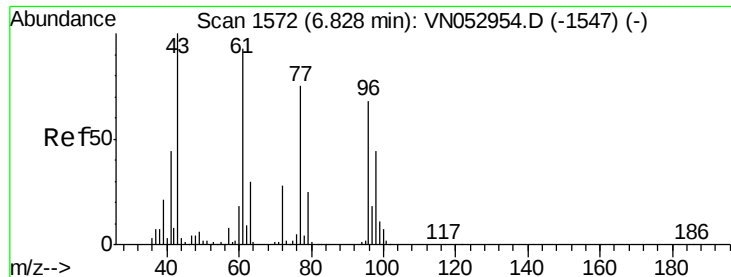
Tgt Ion: 77 Resp: 588534

Ion Ratio Lower Upper

77 100

97 25.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 50.823 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

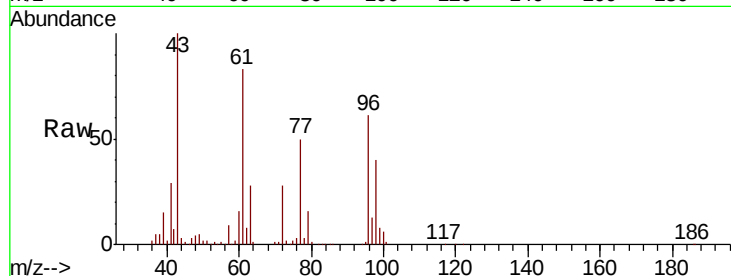
Tot Ion: 96 Resp: 648660

Ion Ratio Lower Upper

96 100

61 137.3 0.0 284.2

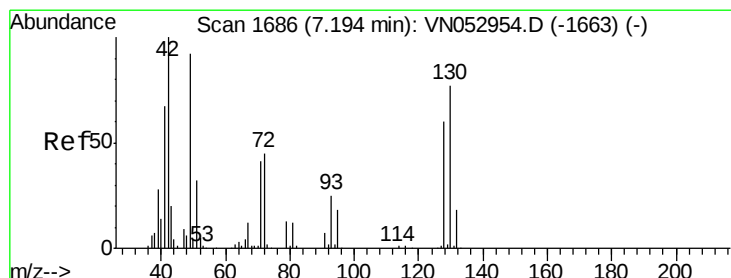
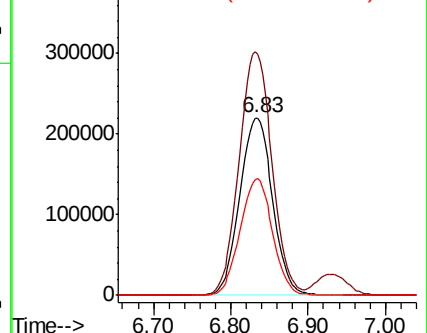
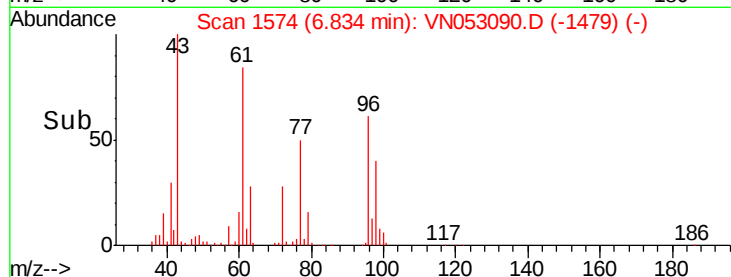
98 65.0 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053090.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053090.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053090.D (-1479) (-)



#28

Bromochloromethane

Concen: 52.898 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

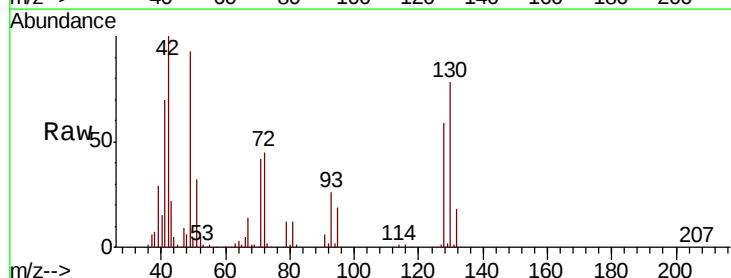
Tgt Ion: 49 Resp: 472536

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

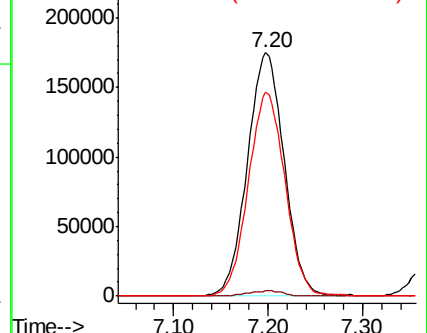
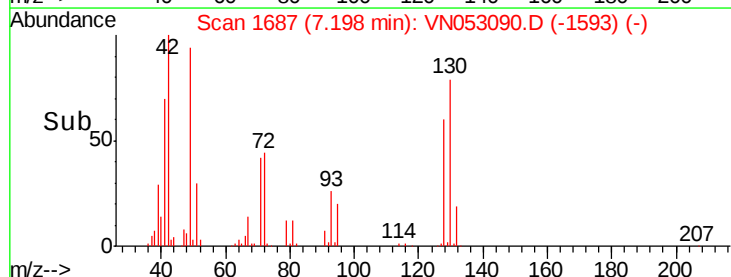
130 83.5 63.3 94.9



Abundance Ion 48.90 (48.60 to 49.60): VN053090.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053090.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053090.D (-1593) (-)

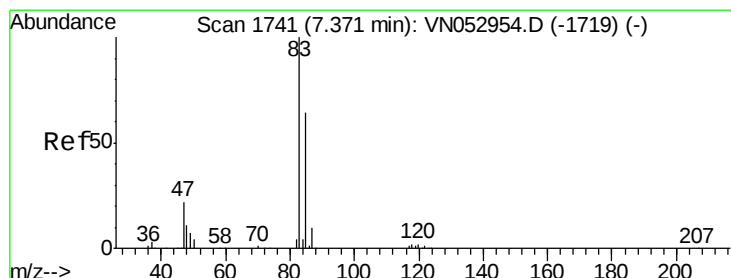
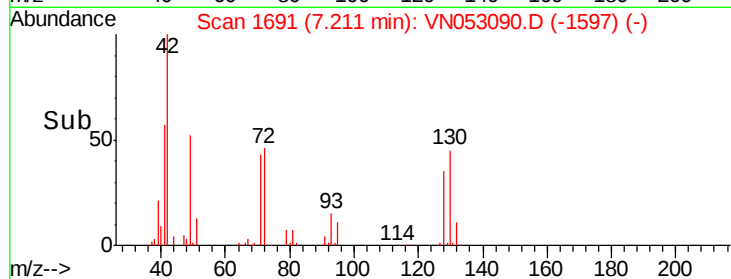
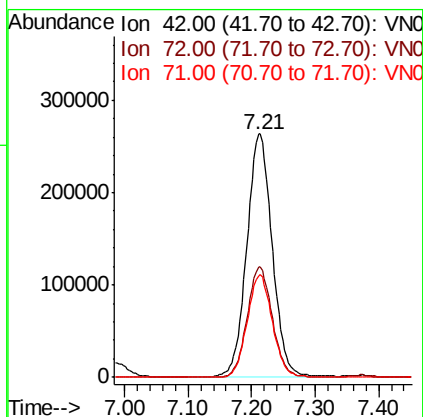
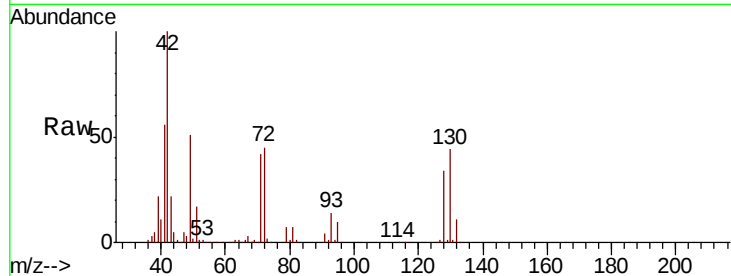




#29
Tetrahydrofuran
Concen: 266.985 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

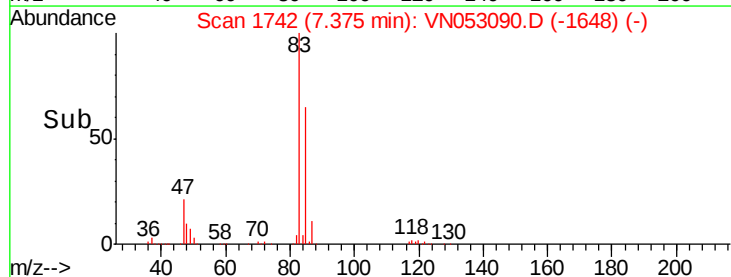
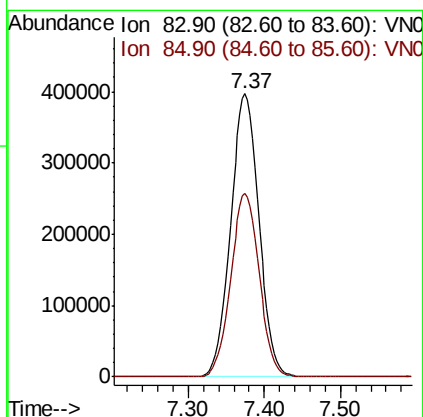
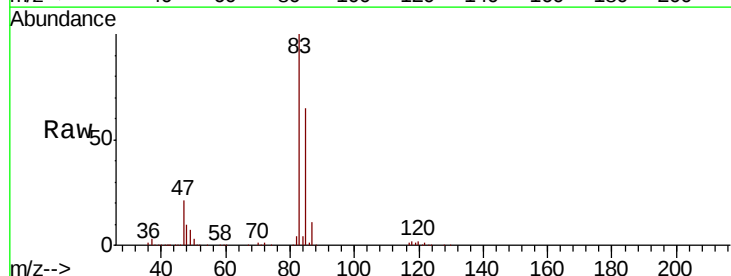
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

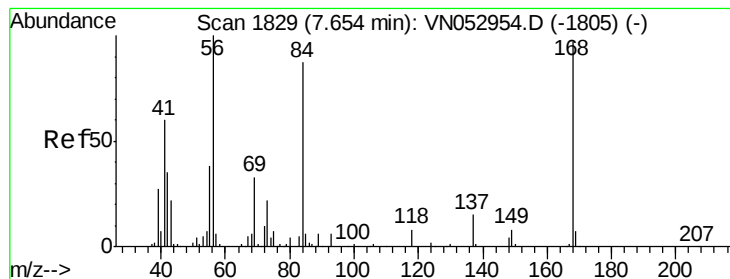
Tot Ion: 42 Resp: 733031
Ion Ratio Lower Upper
42 100
72 44.8 34.7 52.1
71 41.7 32.3 48.5



#30
Chloroform
Concen: 50.760 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 83 Resp: 1027962
Ion Ratio Lower Upper
83 100
85 64.7 52.1 78.1





#31

Cvclohexane

Concen: 49.586 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

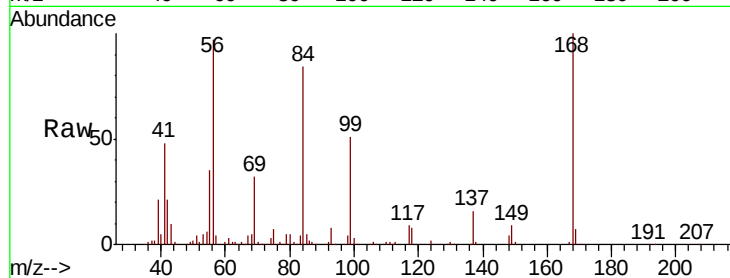
Tot Ion: 56 Resp: 958894

Ion Ratio Lower Upper

56 100

69 33.4 26.6 39.8

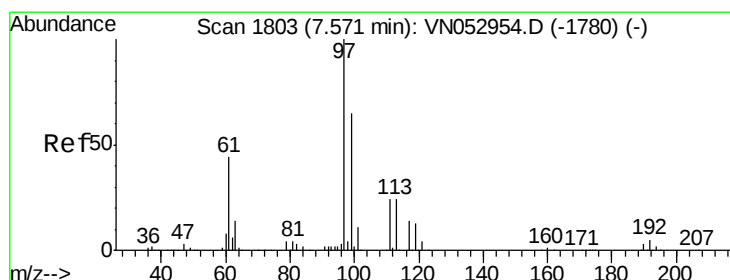
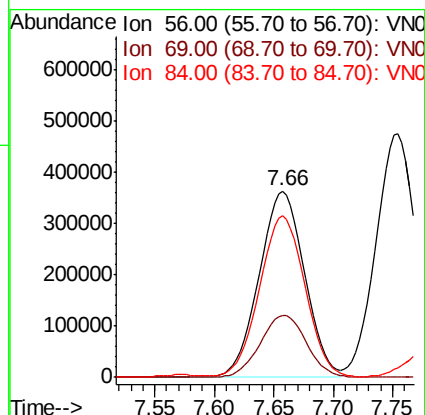
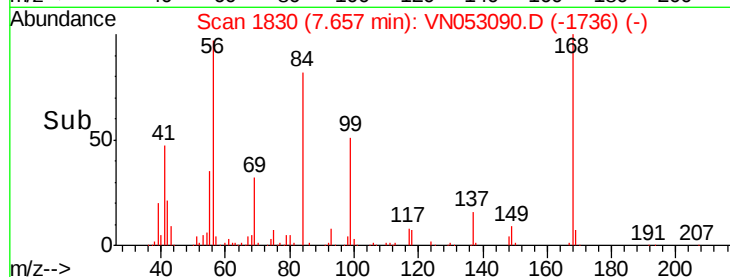
84 85.7 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN052954.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN052954.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN052954.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 50.766 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

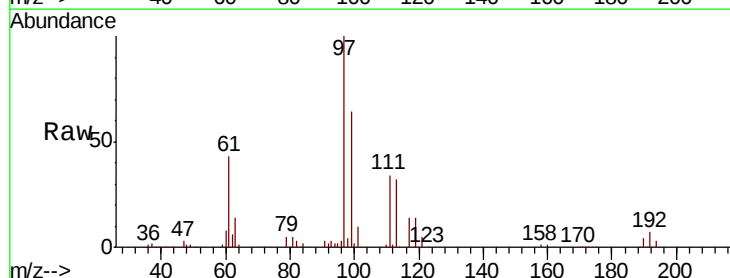
Tgt Ion: 97 Resp: 875795

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

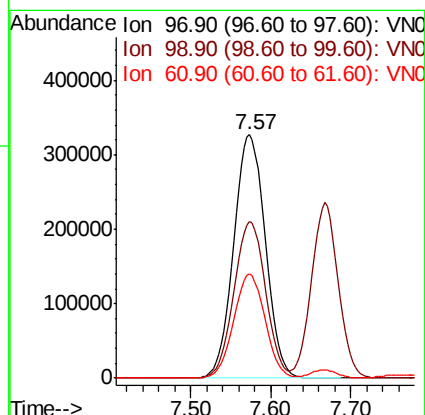
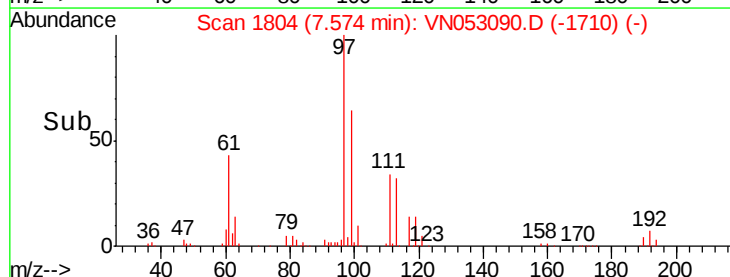
61 42.3 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VN052954.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1780) (-)

Ion 60.90 (60.60 to 61.60): VN052954.D (-1780) (-)

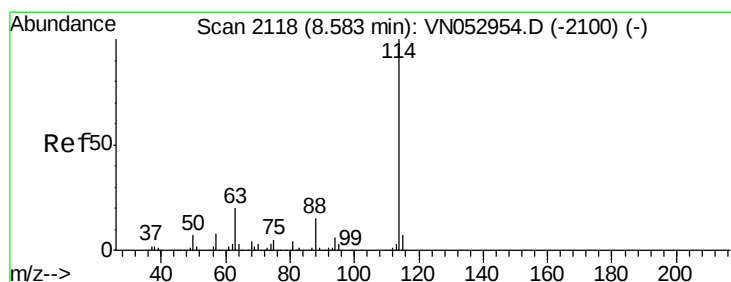
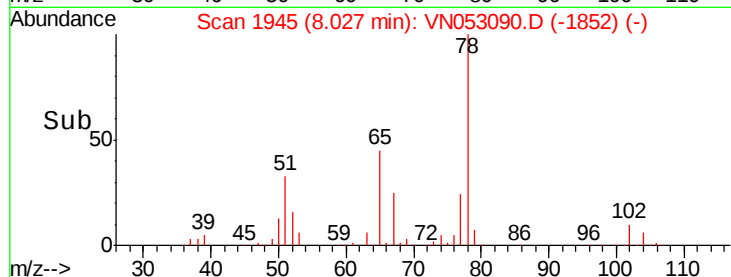
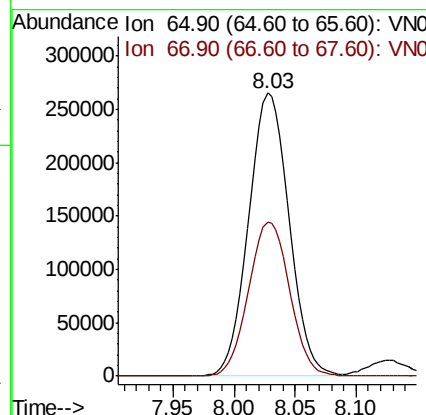
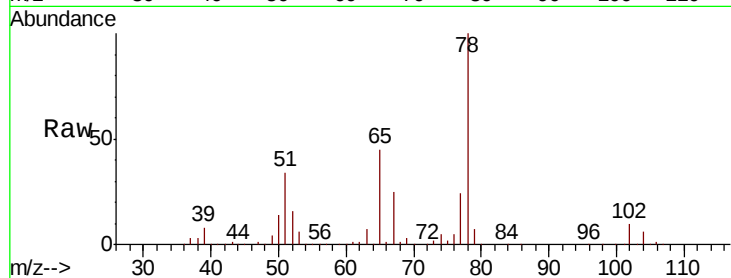




#33
 1,2-Dichloroethane-d4
 Concen: 50.766 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

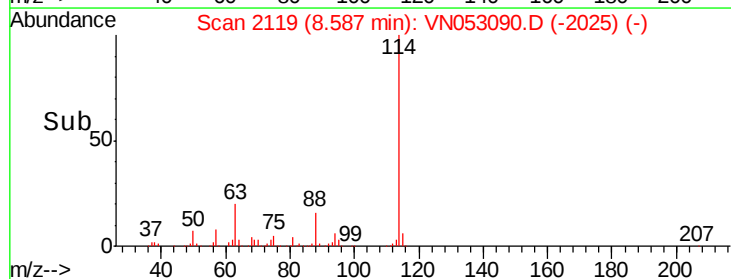
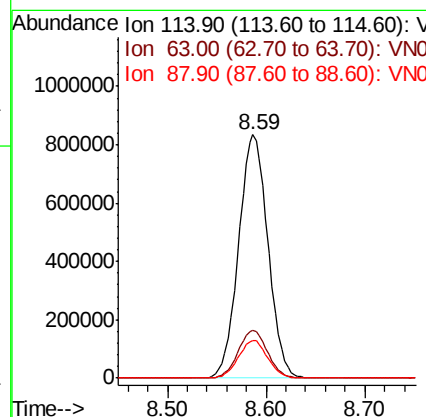
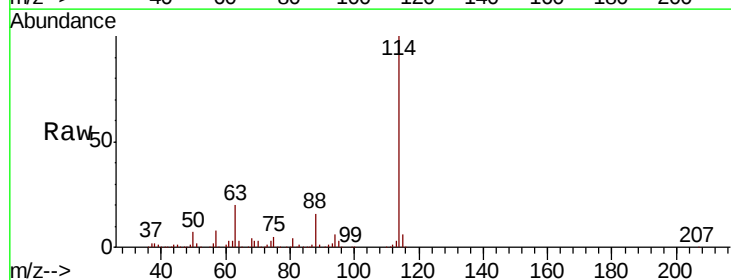
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

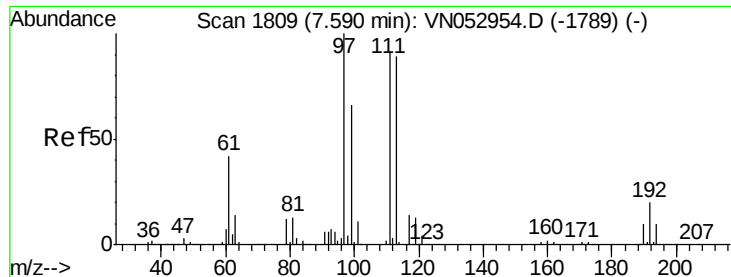
Tot Ion: 65 Resp: 610020
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion: 114 Resp: 1718081
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.7 0.0 31.0

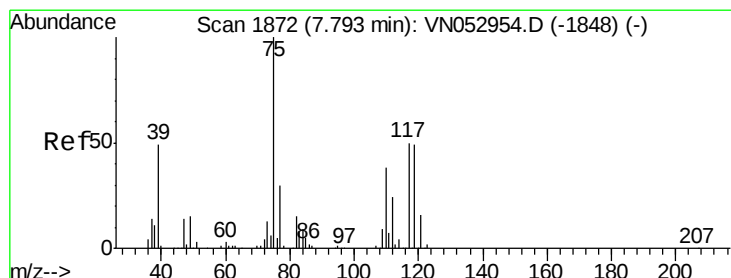
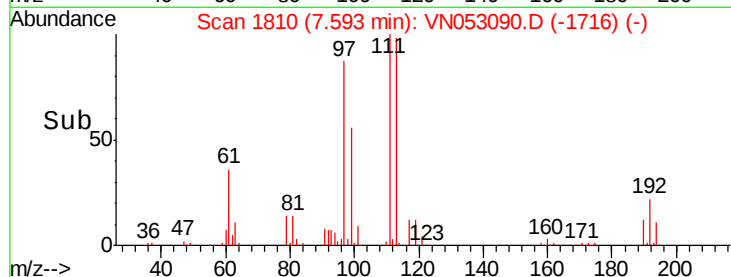
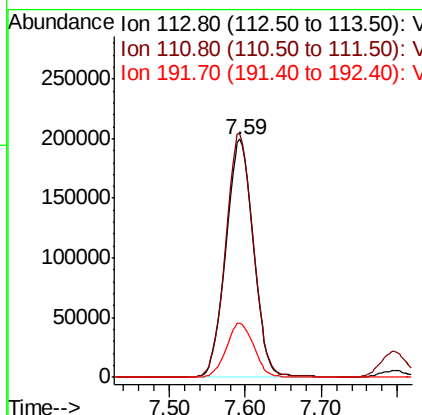
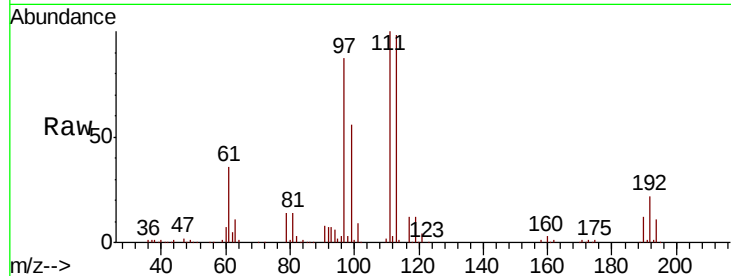




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

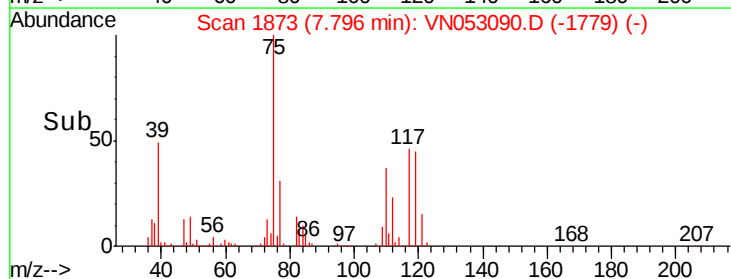
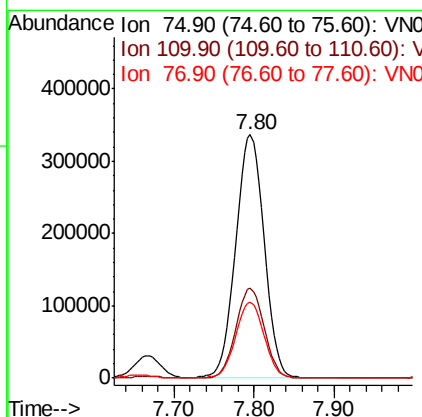
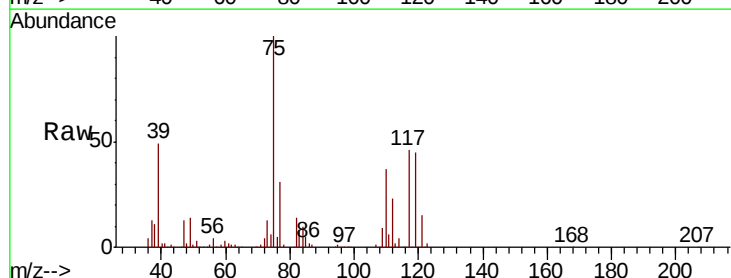
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

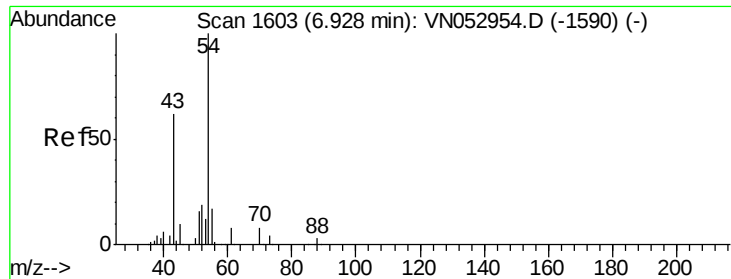
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.4
192	22.6	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 48.873 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.2	54.6
77	31.3	24.9	37.3

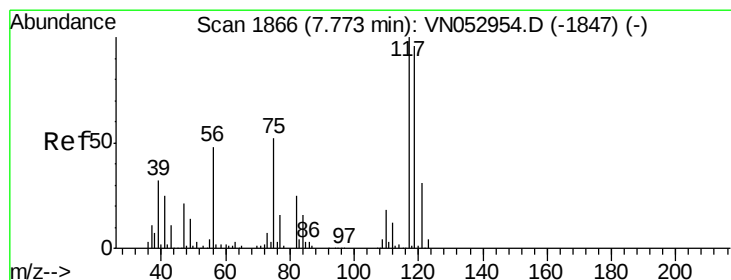
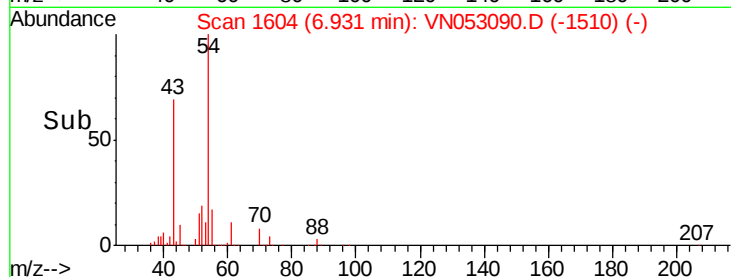
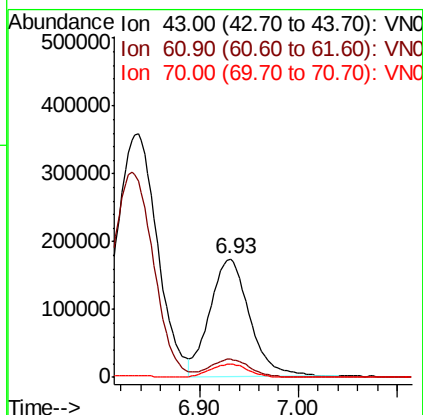
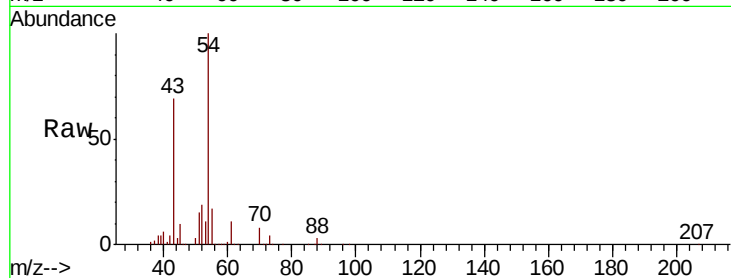




#37
Ethyl Acetate
Concen: 52.940 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

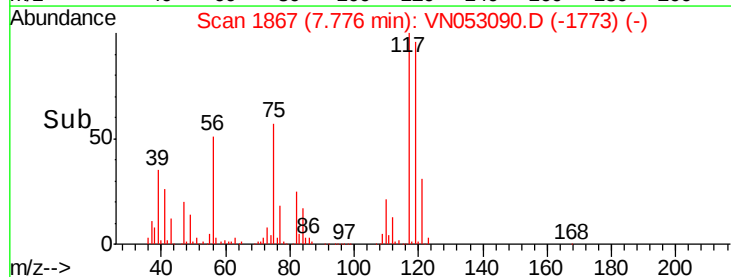
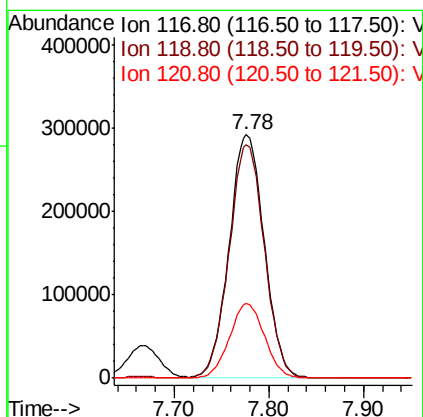
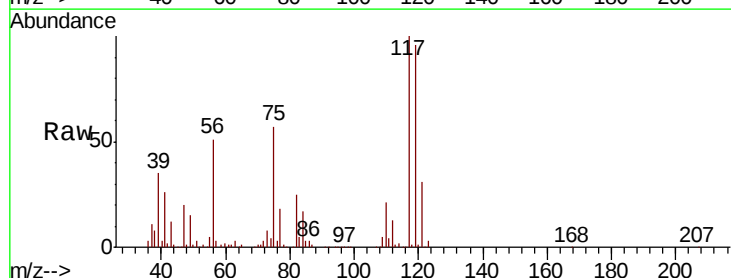
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

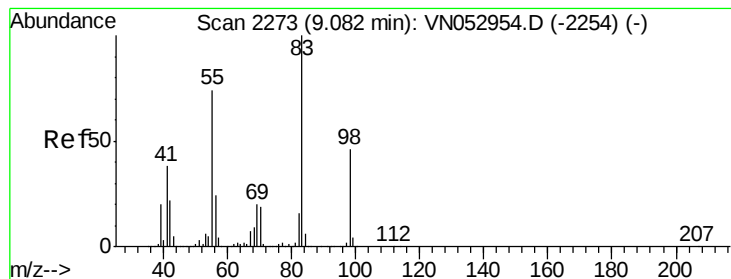
Tot Ion: 43 Resp: 487362
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.6
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.678 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 117 Resp: 750892
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7
121 30.7 24.9 37.3

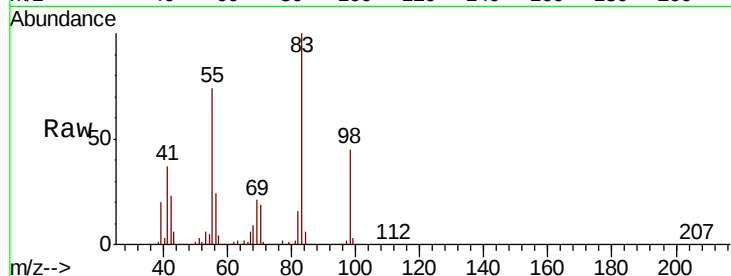




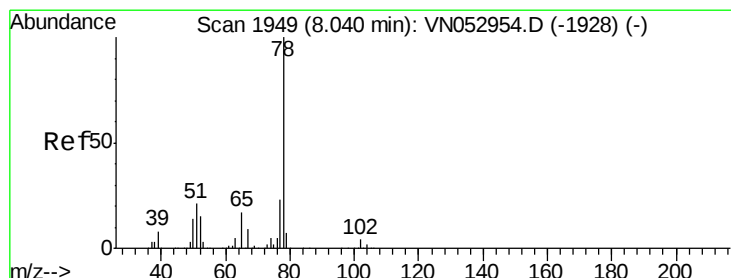
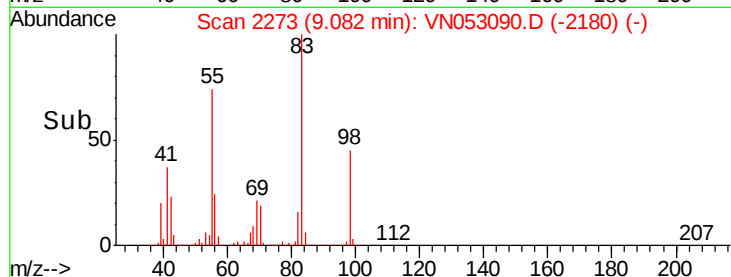
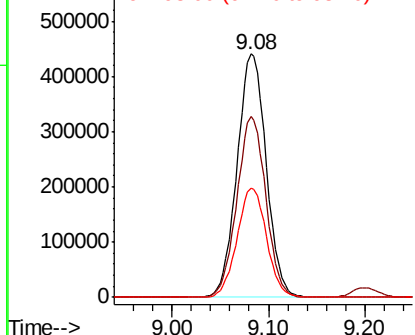
#39
Methvlcvclohexane
Concen: 46.021 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 921917
Ion Ratio Lower Upper
83 100
55 74.2 61.3 91.9
98 44.8 37.0 55.4

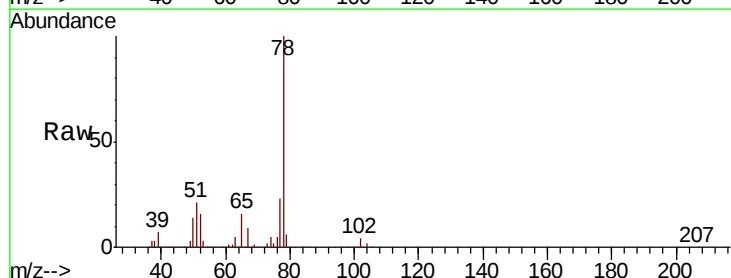


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

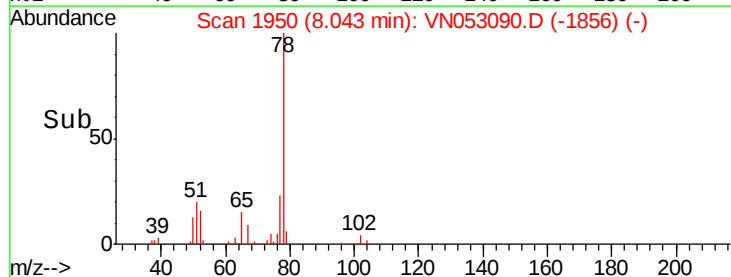
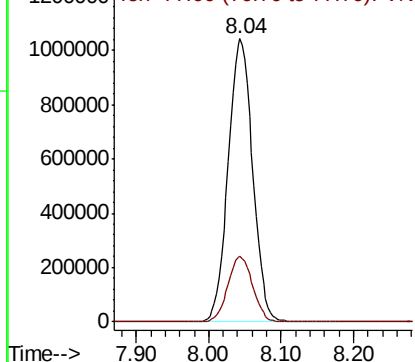


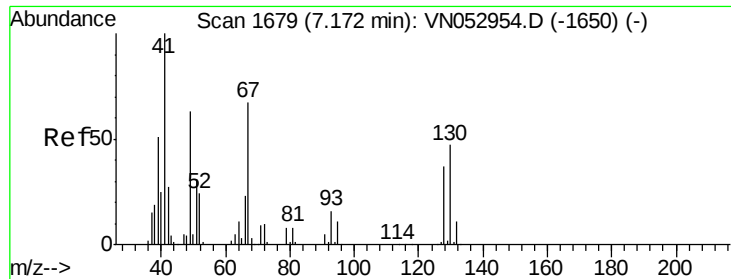
#40
Benzene
Concen: 49.884 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 78 Resp: 2446868
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7



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

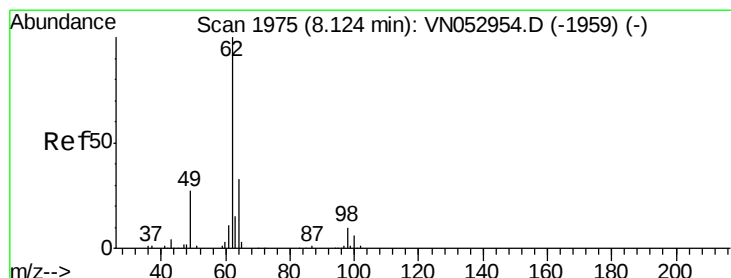
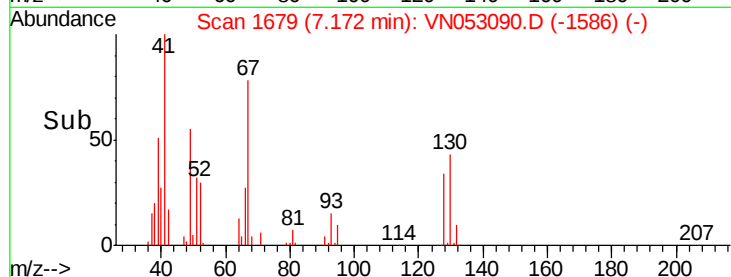
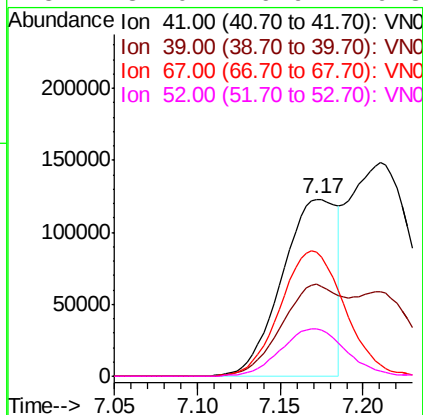
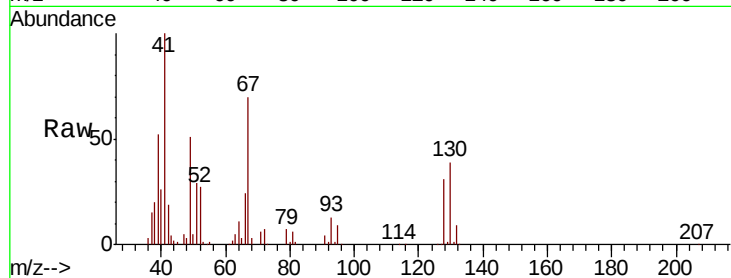




#41
Methacrylonitrile
Concen: 52.927 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

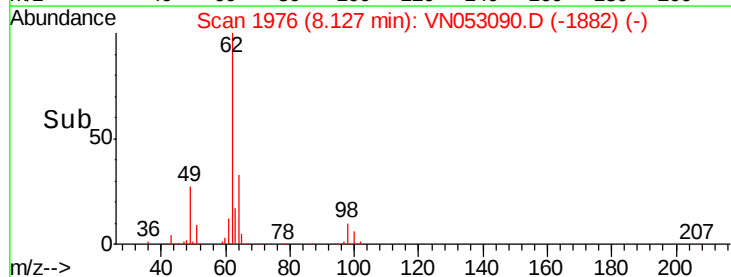
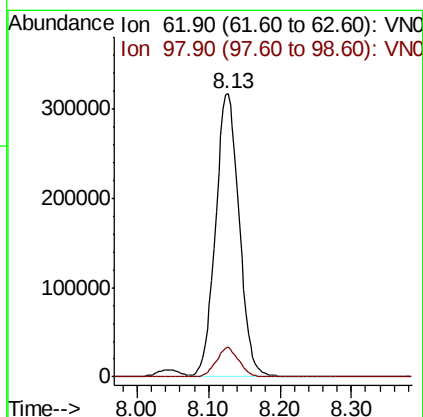
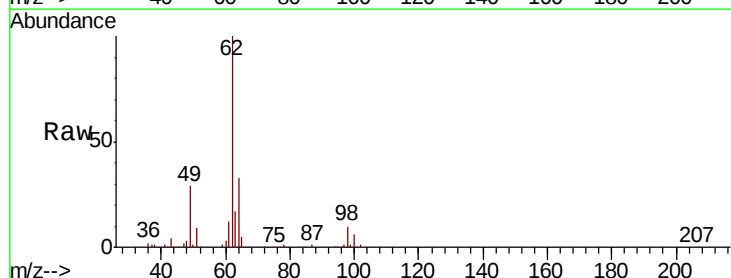
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

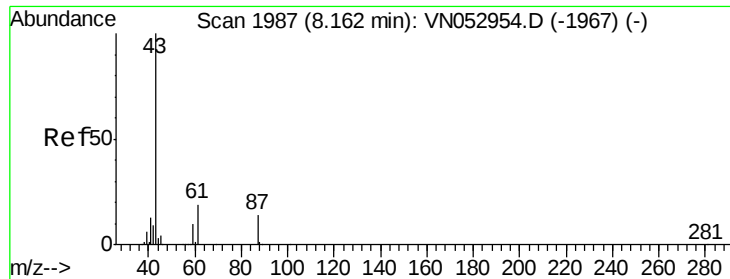
Tot Ion:	41	Resp:	281521
Ion	Ratio	Lower	Upper
41	100		
39	58.6	48.0	72.0
67	84.5	70.3	105.5
52	32.0	26.9	40.3



#42
1,2-Dichloroethane
Concen: 50.195 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion:	62	Resp:	727350
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



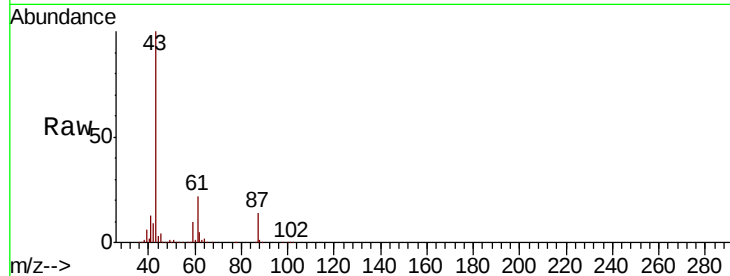


#43

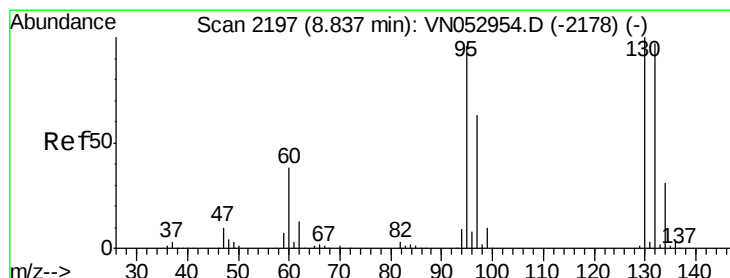
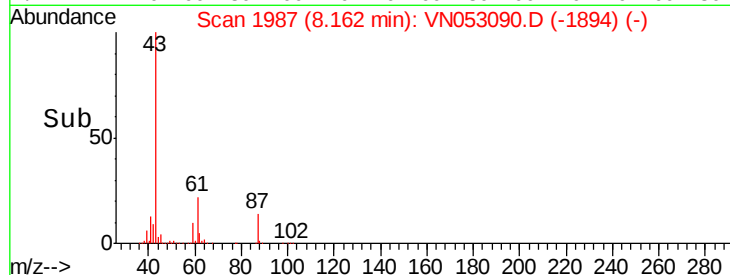
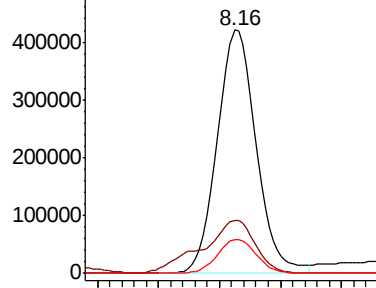
Isopropyl Acetate
 Concen: 52.123 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 927775
 Ion Ratio Lower Upper
 43 100
 61 29.3 22.9 34.3
 87 13.8 10.6 15.8



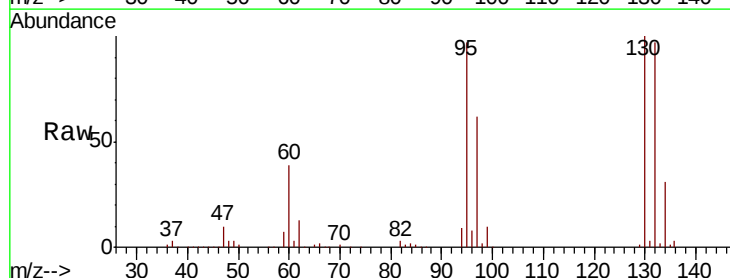
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



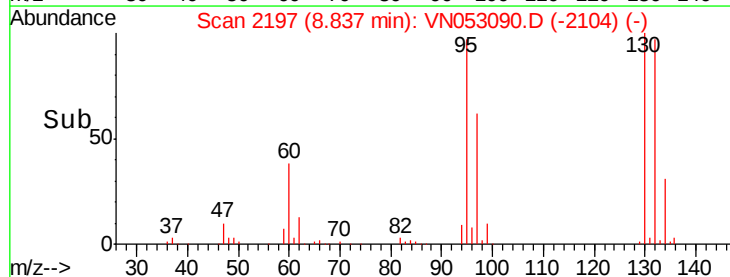
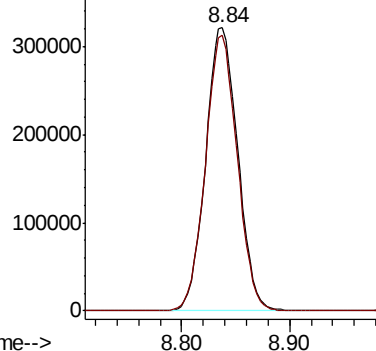
#44

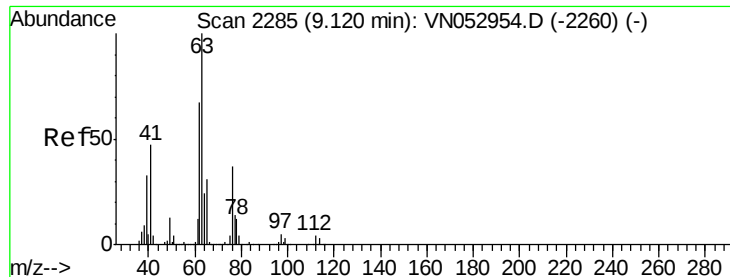
Trichloroethene
 Concen: 47.066 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion: 130 Resp: 667744
 Ion Ratio Lower Upper
 130 100
 95 97.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

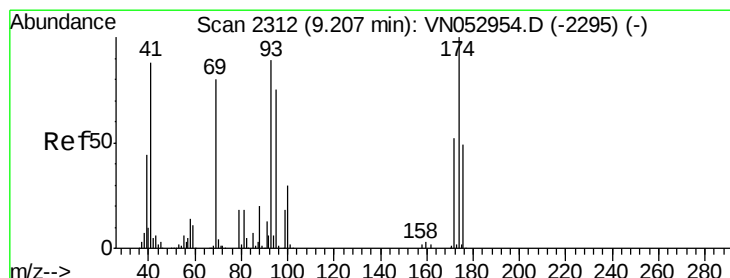
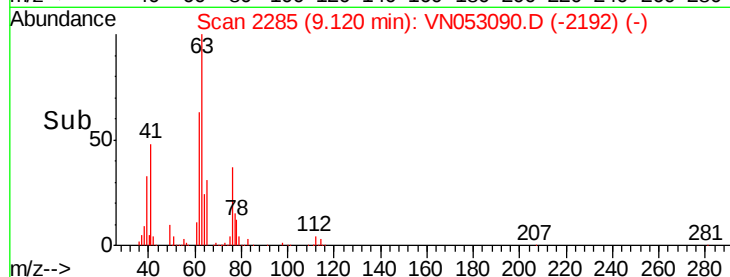
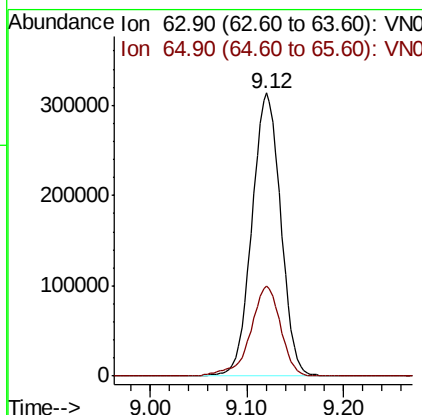
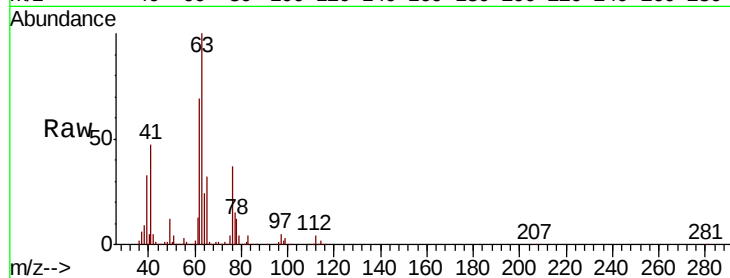




#45
 1,2-Dichloropropane
 Concen: 50.794 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

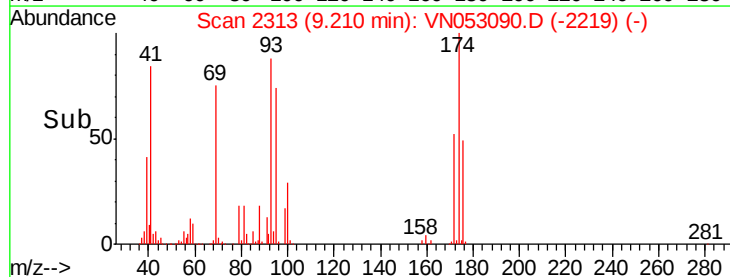
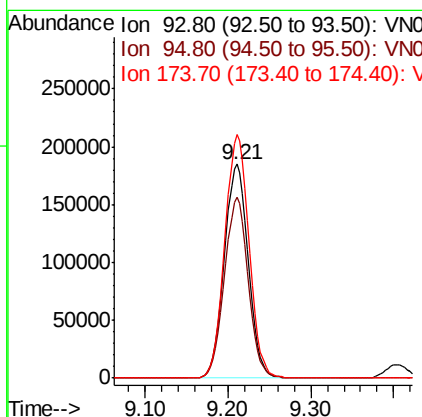
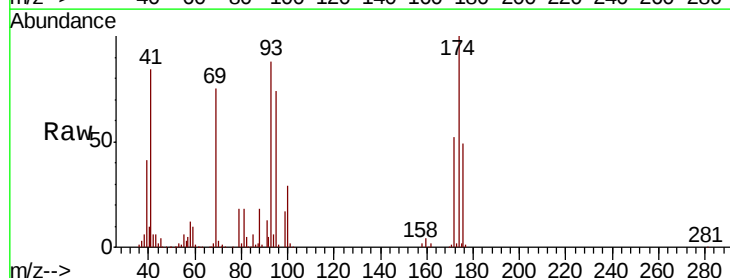
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 648960
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.6 37.0



#46
 Dibromomethane
 Concen: 49.986 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion: 93 Resp: 372033
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.8 101.6
 174 114.8 89.0 133.4

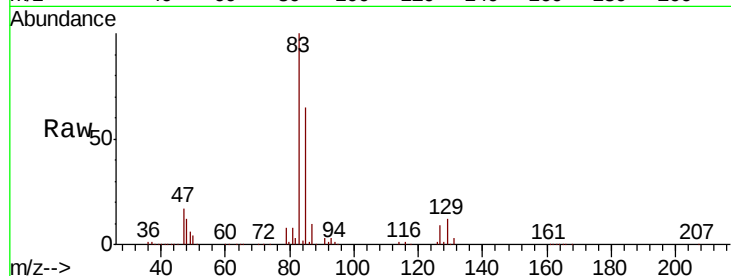




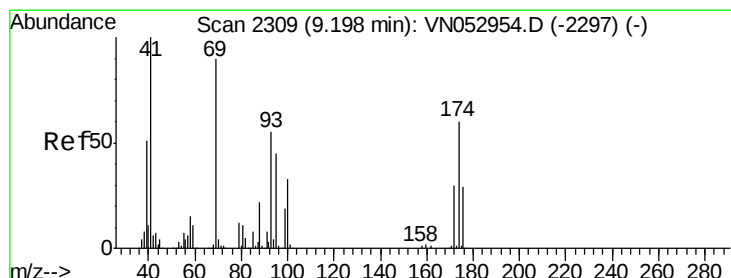
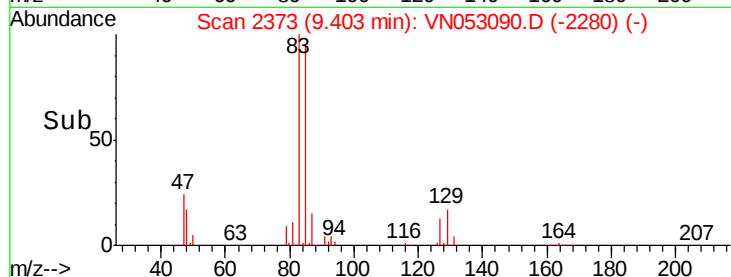
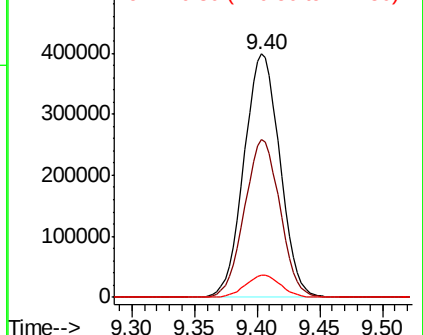
#47
Bromodichloromethane
Concen: 50.176 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 793829
Ion Ratio Lower Upper
83 100
85 64.7 51.6 77.4
127 9.0 7.1 10.7

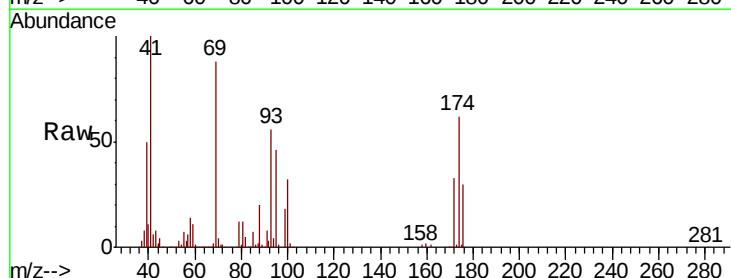


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

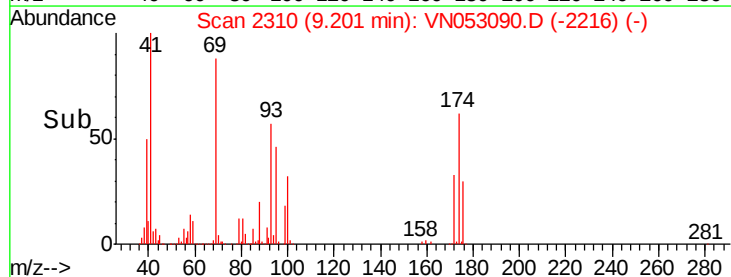
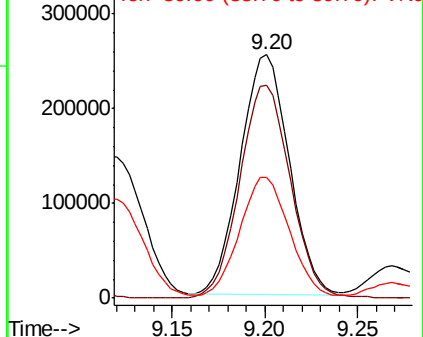


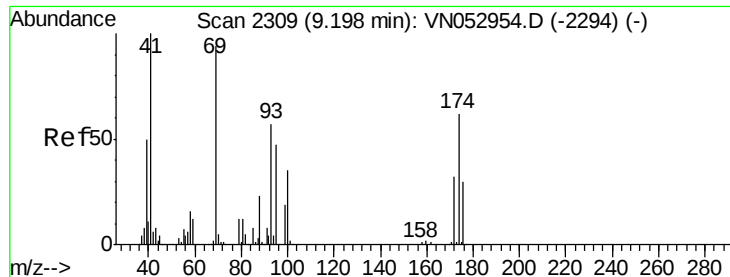
#48
Methyl methacrylate
Concen: 52.084 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 41 Resp: 465273
Ion Ratio Lower Upper
41 100
69 92.2 72.2 108.2
39 51.7 41.9 62.9



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

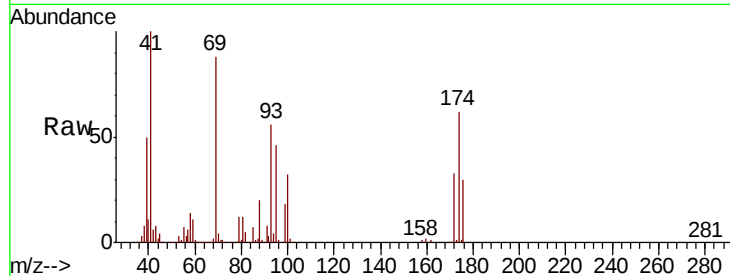




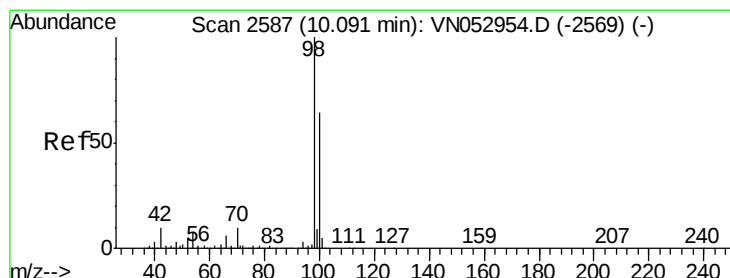
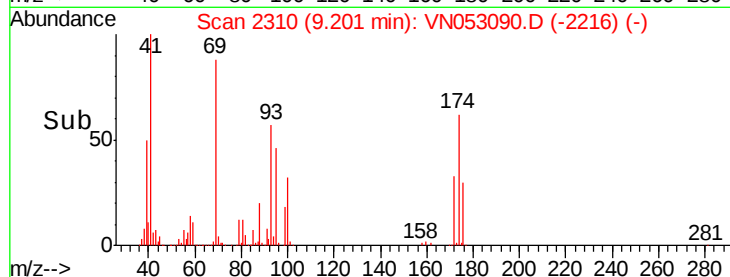
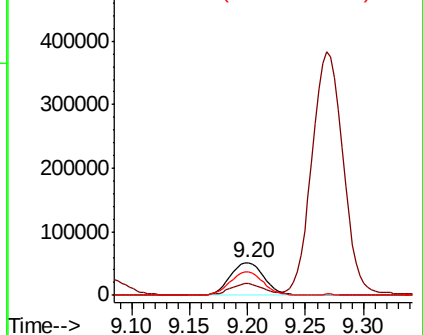
#49
1,4-Dioxane
Concen: 943.276 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 106590
Ion Ratio Lower Upper
88 100
43 32.8 26.6 40.0
58 69.2 58.4 87.6

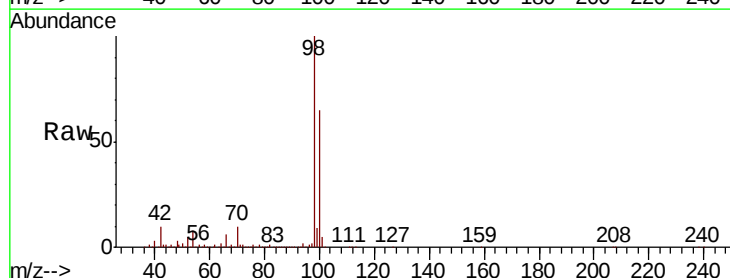


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

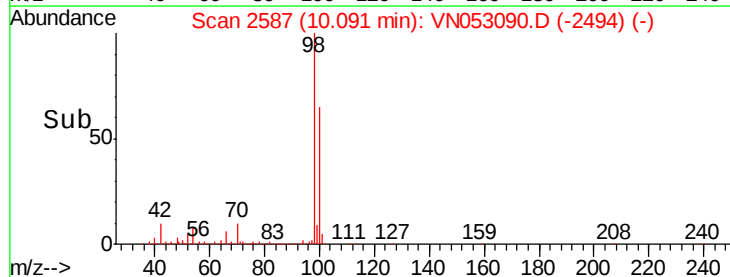
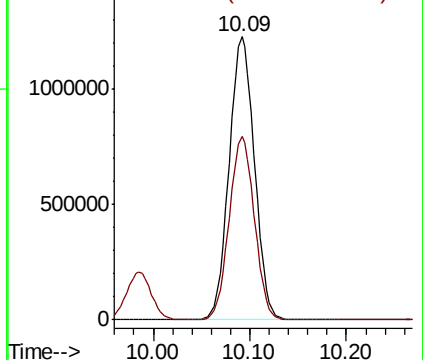


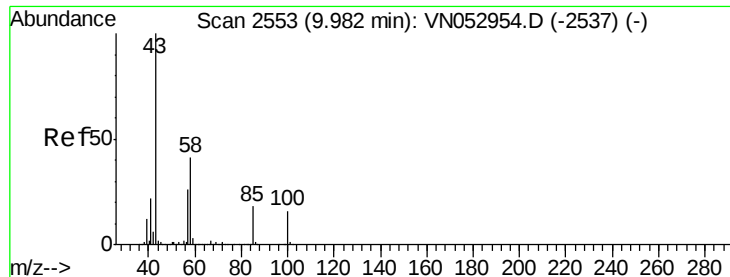
#50
Toluene-d8
Concen: 943.276 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 98 Resp: 2225517
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



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: 267.767 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

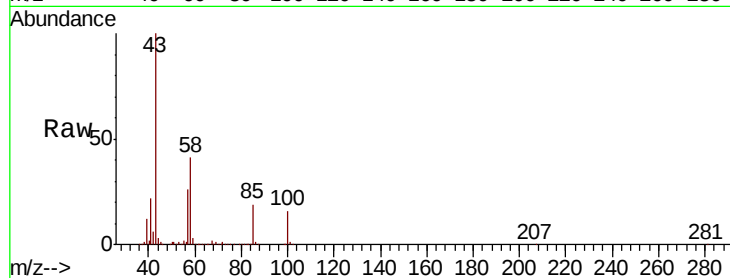
VSTDCCC050EC

Tot Ion: 43 Resp: 2387181

Ion Ratio Lower Upper

43 100

58 40.9 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-2537) (-)

9.99

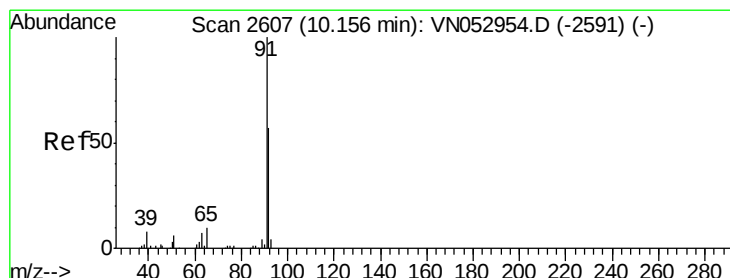
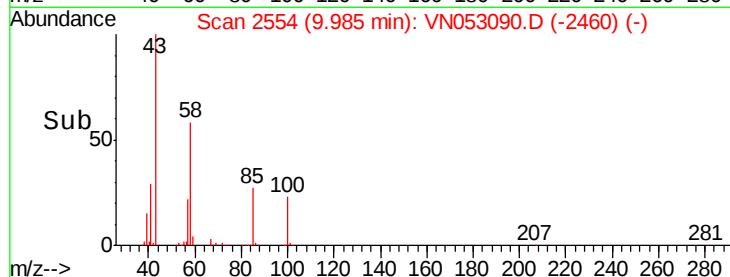
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 49.400 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053090.D

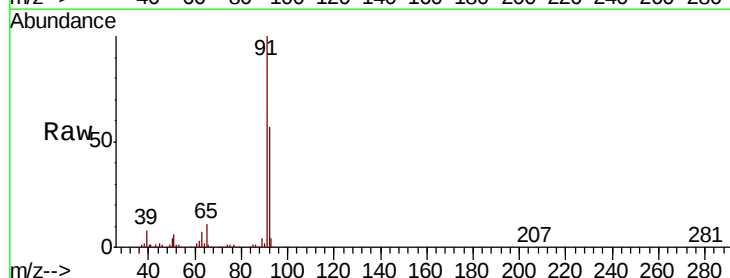
Acq: 21 Dec 2018 7:02

Tgt Ion: 92 Resp: 1501921

Ion Ratio Lower Upper

92 100

91 175.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN052954.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN052954.D (-2591) (-)

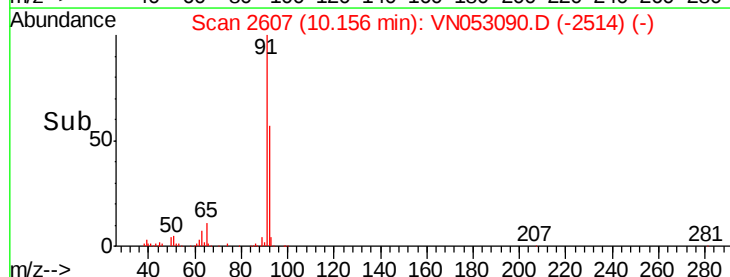
1500000

1000000

500000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.610 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

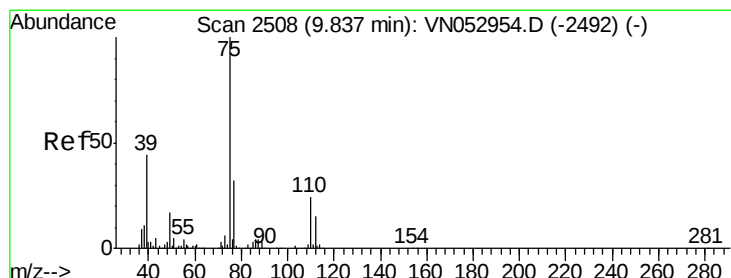
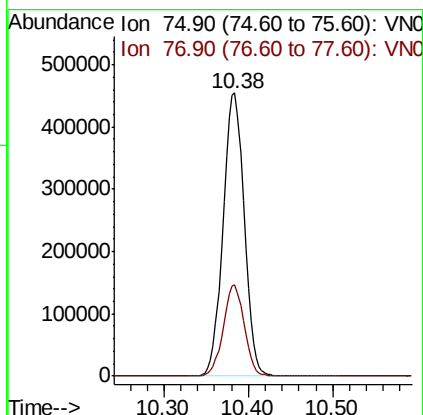
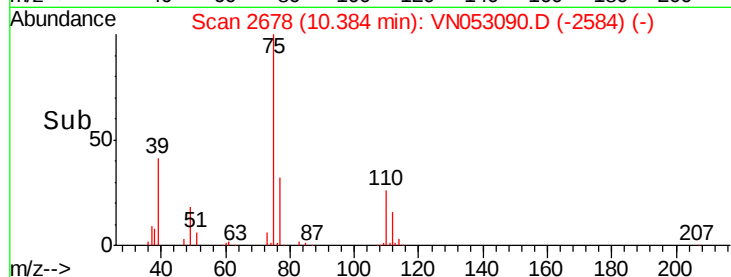
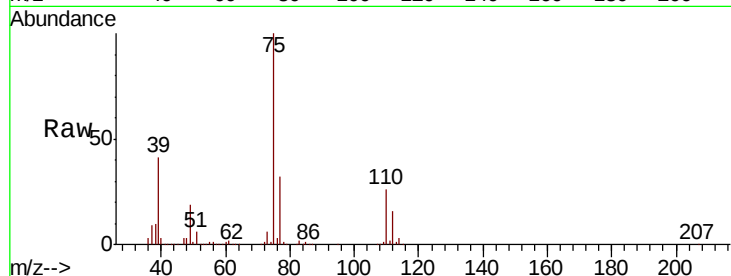
VSTDCCC050EC

Tot Ion: 75 Resp: 792052

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 48.091 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

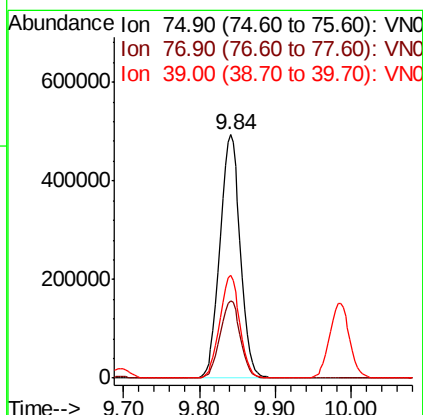
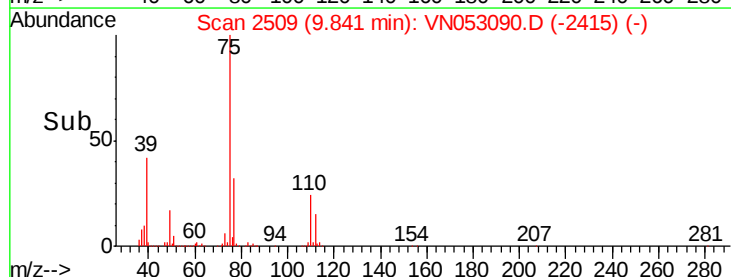
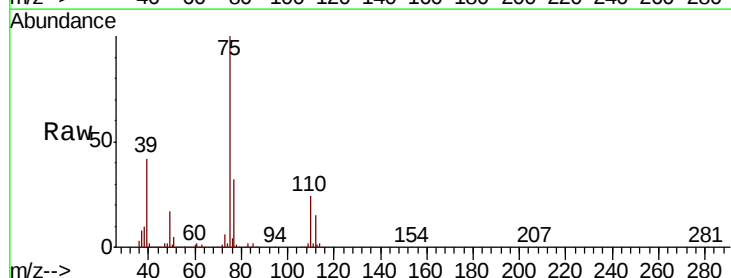
Tgt Ion: 75 Resp: 918341

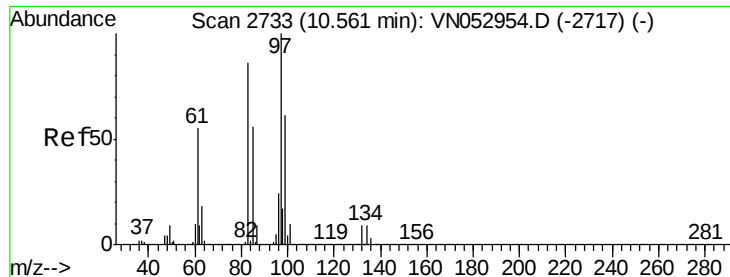
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 42.1 34.8 52.2

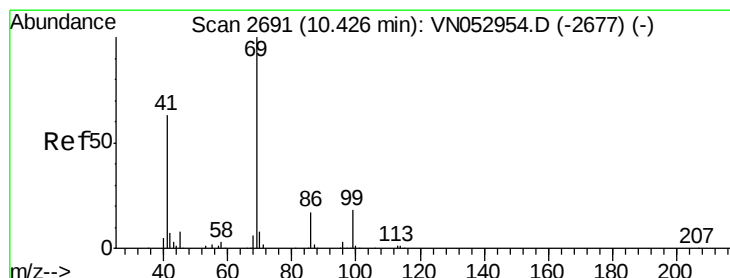
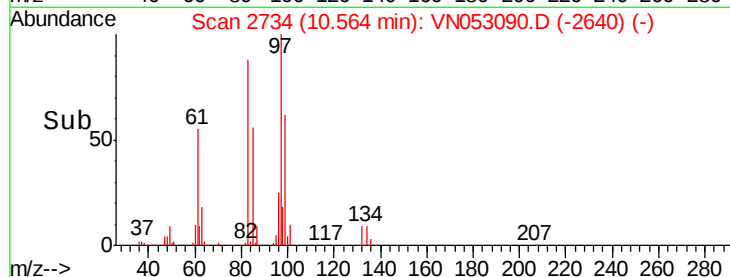
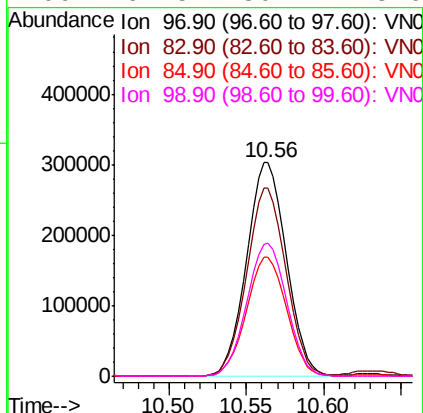
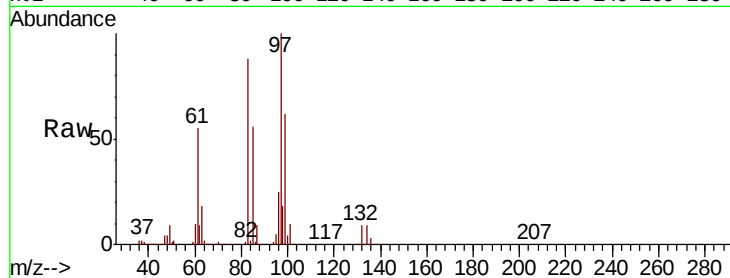




#55
 1,1,2-Trichloroethane
 Concen: 51.185 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

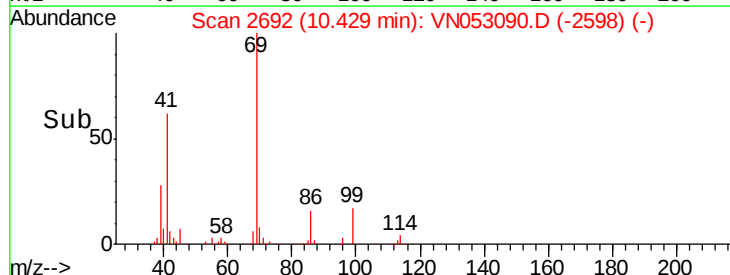
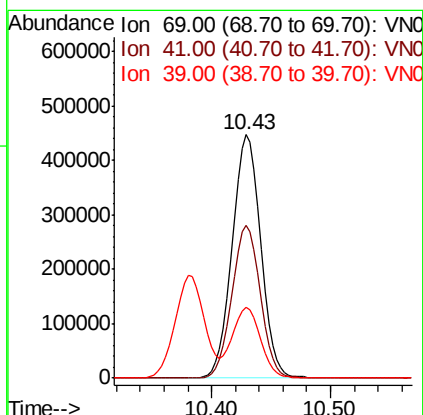
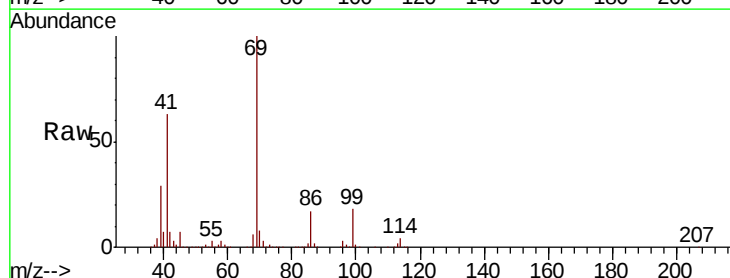
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	542901
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.9	106.3
85	55.9	45.4	68.2
99	62.5	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 53.052 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion:	69	Resp:	744801
Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.7	77.5
39	29.0	24.6	37.0





#57

1,3-Dichloropropane

Concen: 50.847 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

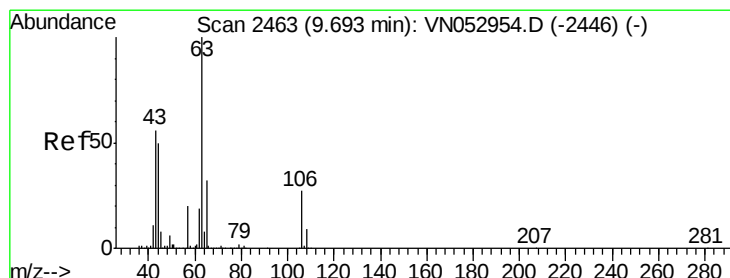
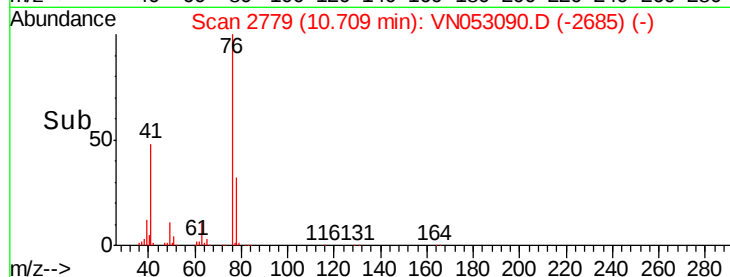
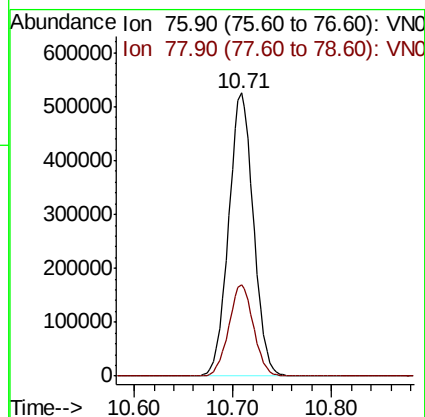
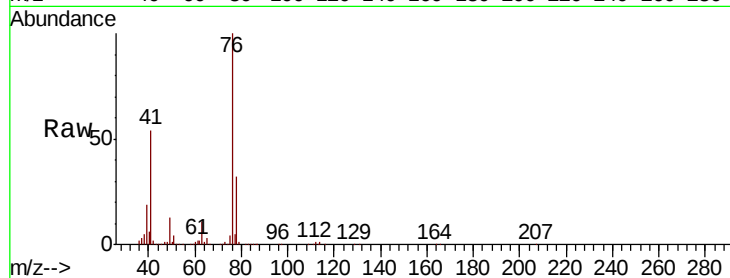
VSTDCCC050EC

Tot Ion: 76 Resp: 924830

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 264.011 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053090.D

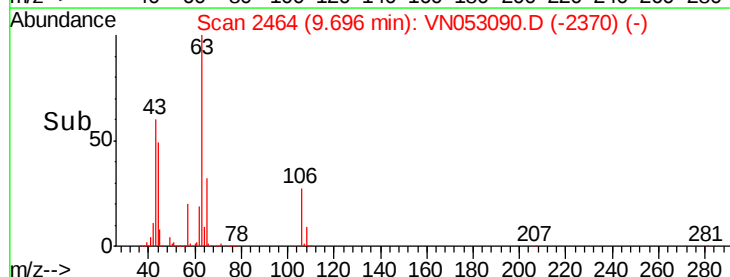
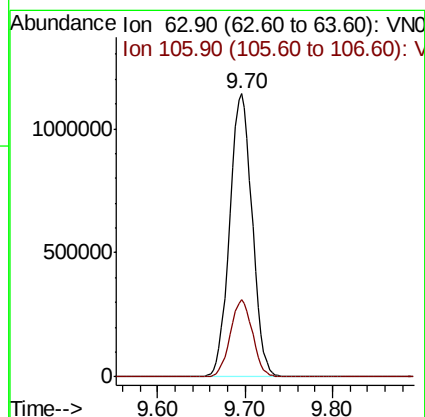
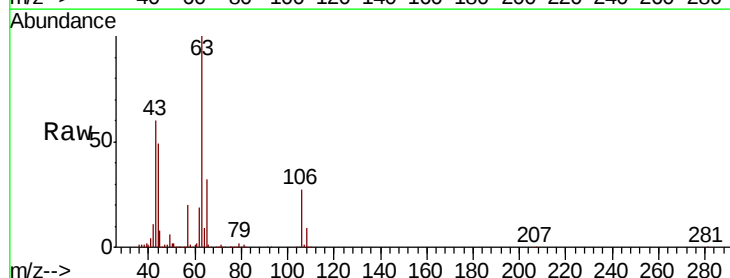
Acq: 21 Dec 2018 7:02

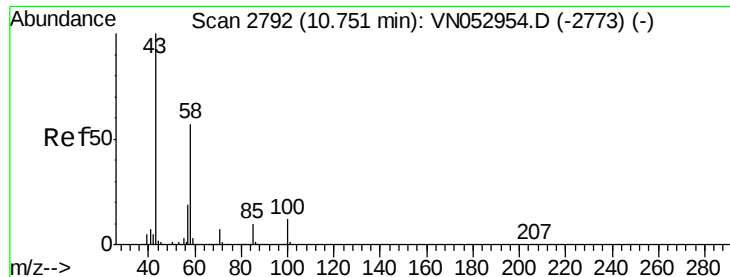
Tgt Ion: 63 Resp: 2034829

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.6

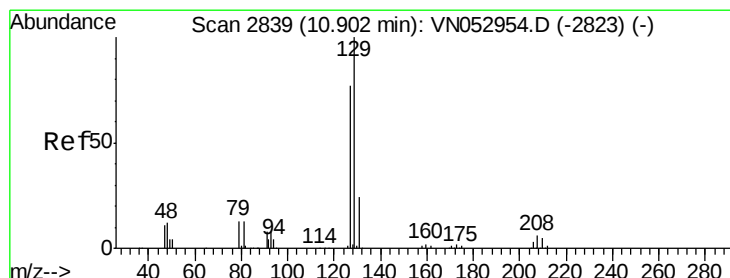
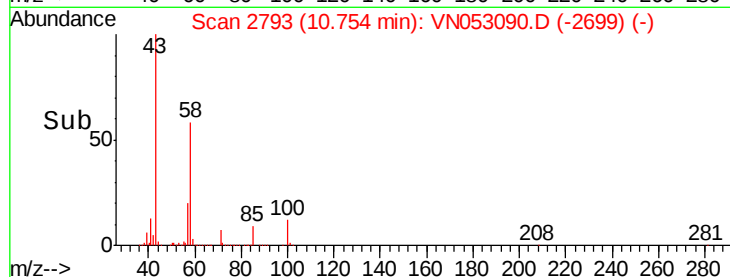
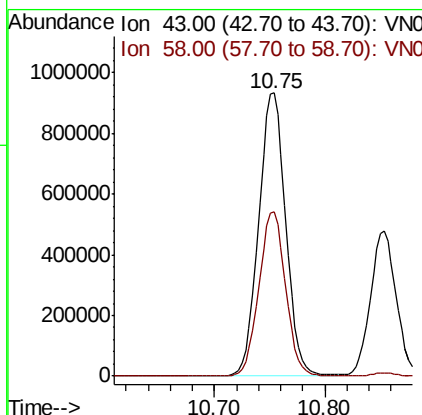
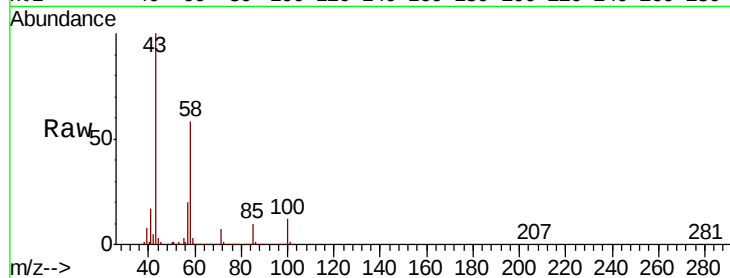




#59
2-Hexanone
Concen: 263.584 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

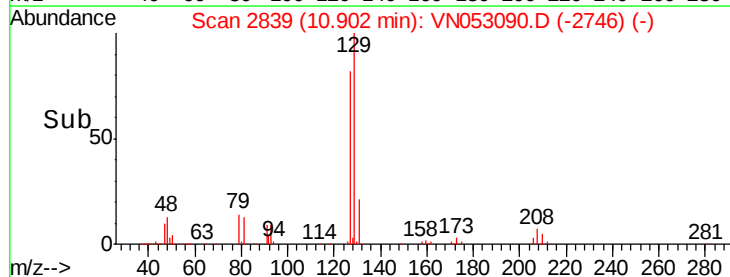
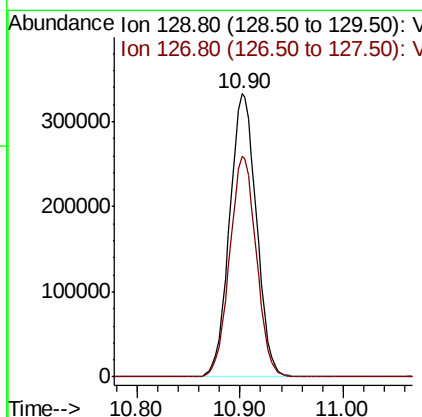
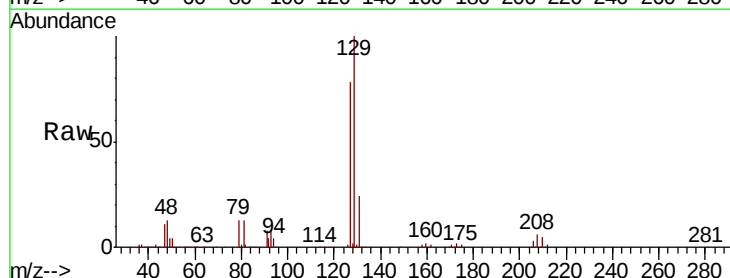
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

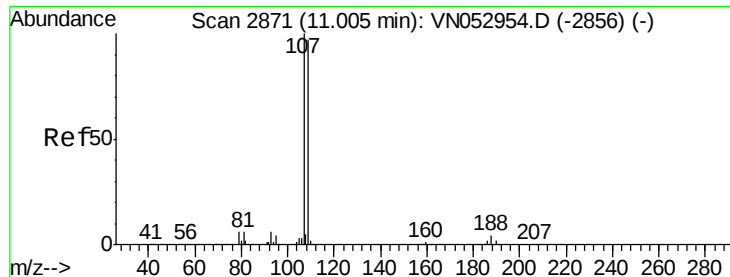
Tot Ion: 43 Resp: 1589898
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3



#60
Dibromochloromethane
Concen: 49.675 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 129 Resp: 603121
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.821 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

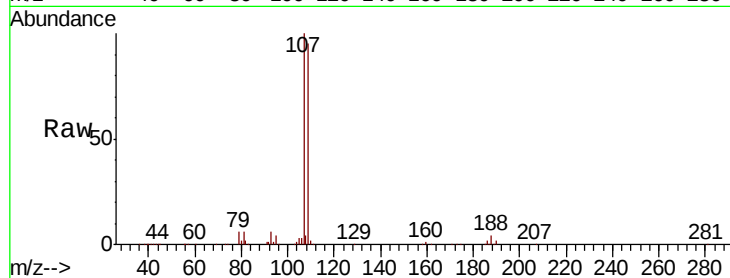
VSTDCCC050EC

Tot Ion:107 Resp: 547457

Ion Ratio Lower Upper

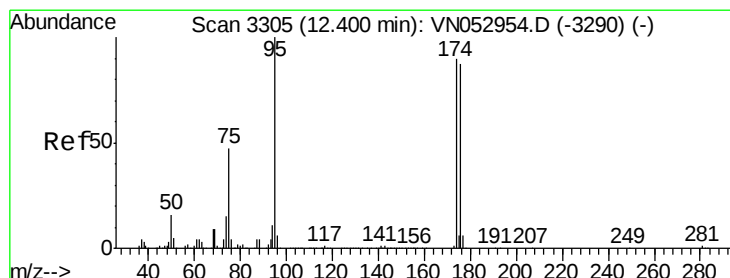
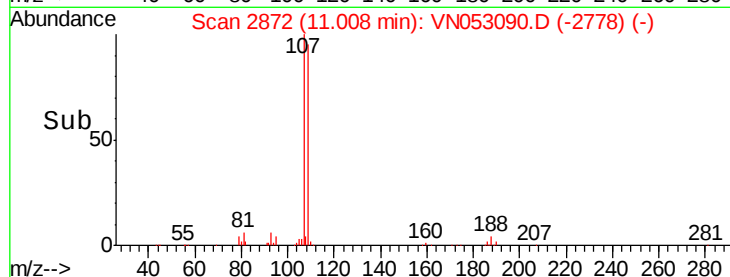
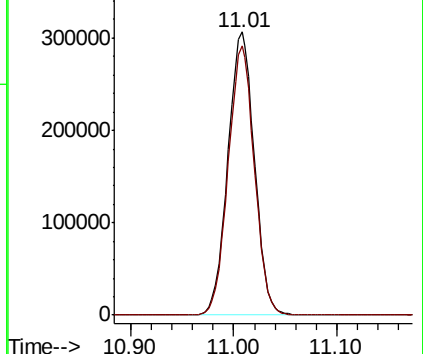
107 100

109 94.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.821 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

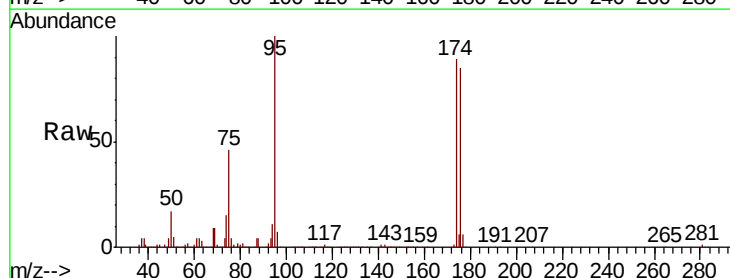
Tgt Ion: 95 Resp: 740963

Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.8

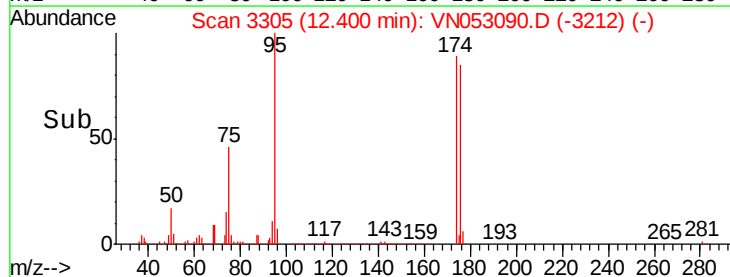
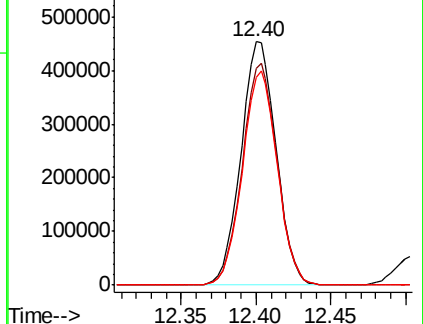
176 87.2 0.0 173.8

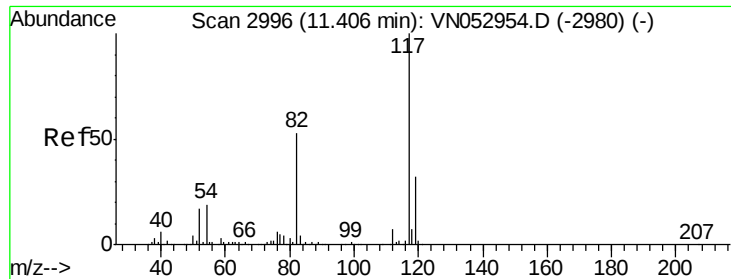


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

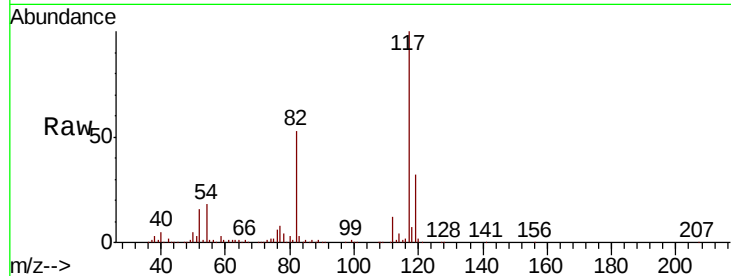




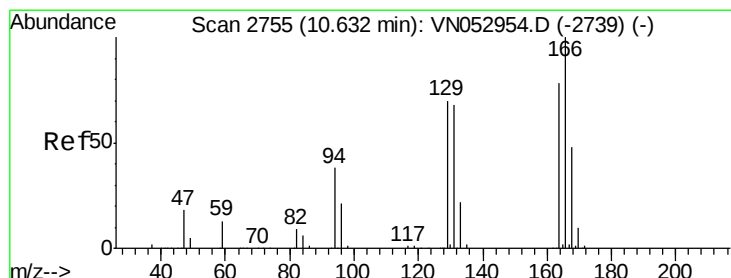
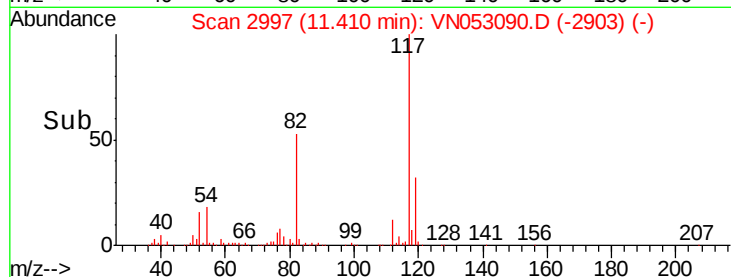
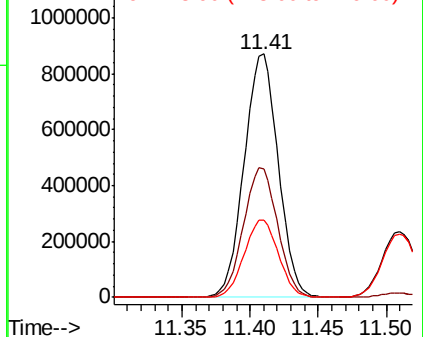
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 1508205
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 31.8 25.5 38.3

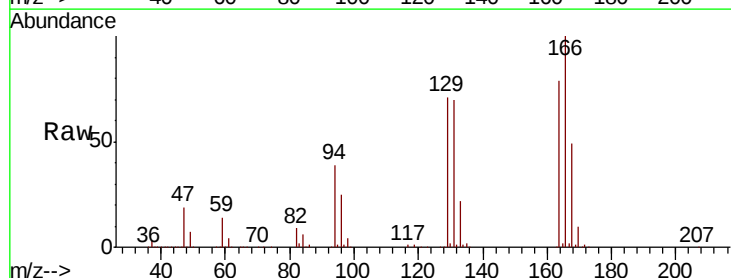


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

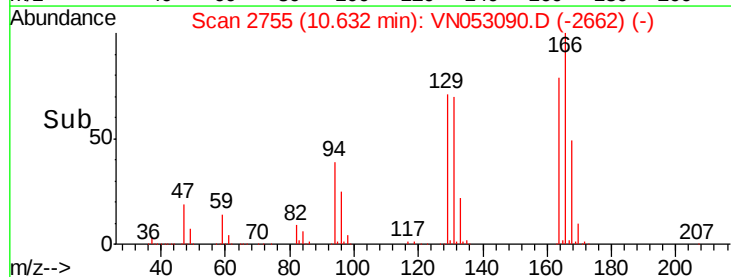
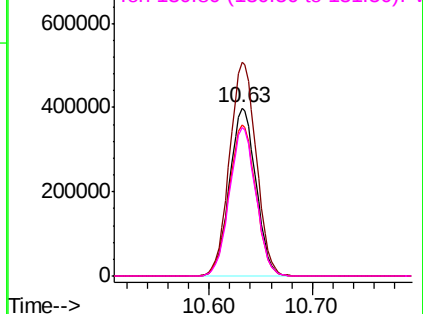


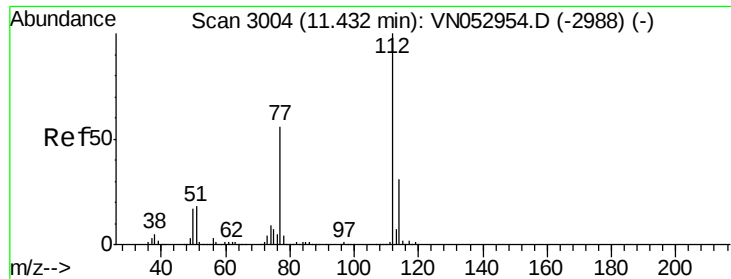
#64
Tetrachloroethene
Concen: 43.648 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion:164 Resp: 713091
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 90.1 73.7 110.5
131 88.7 70.7 106.1



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: 49.334 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

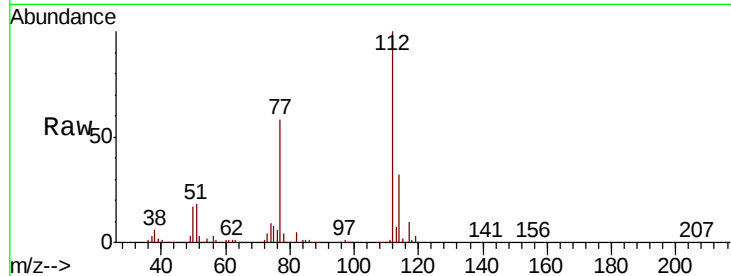
VSTDCCC050EC

Tot Ion:112 Resp: 1649357

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

1000000

800000

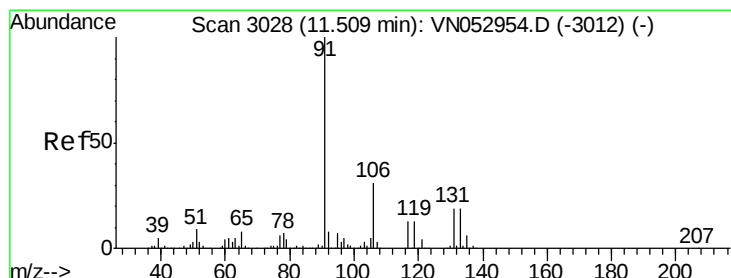
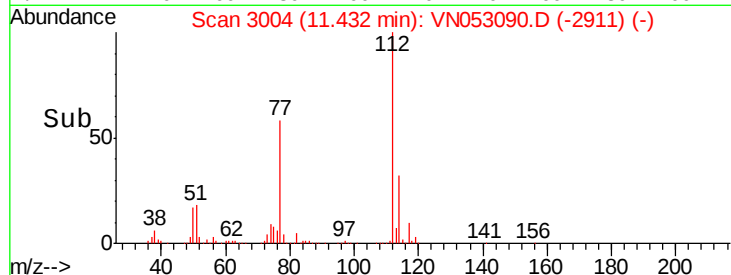
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.148 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

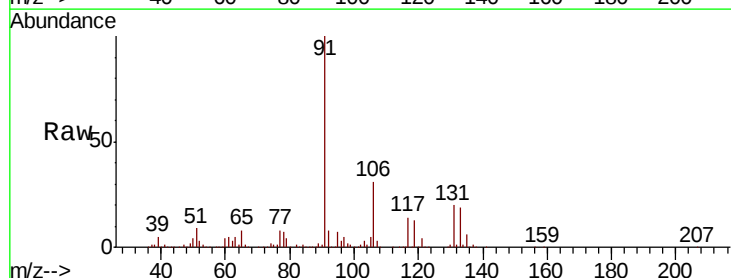
Tgt Ion:131 Resp: 594648

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.9

119 66.8 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

400000

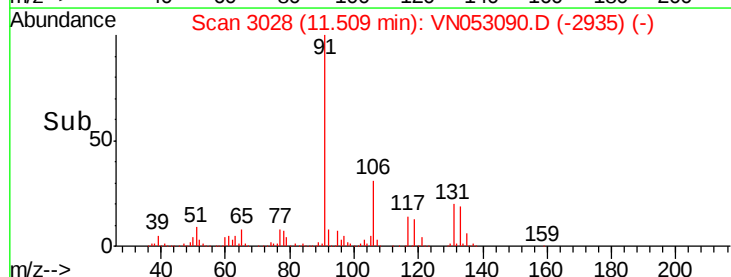
300000

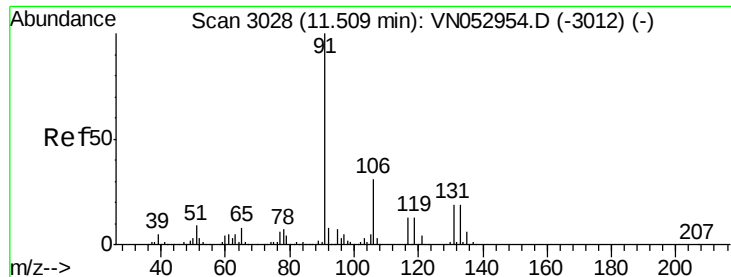
200000

100000

0

Time-->

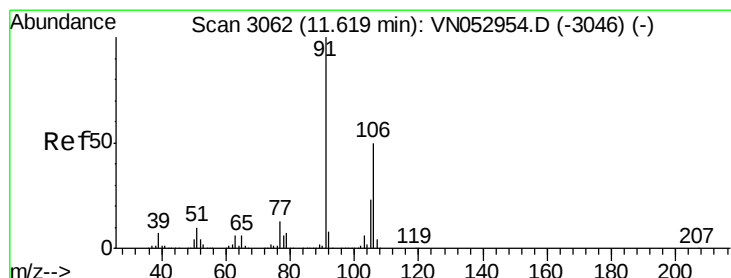
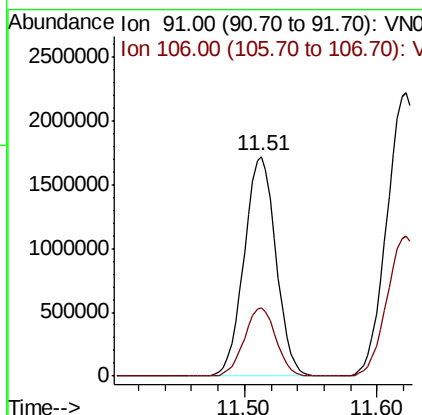
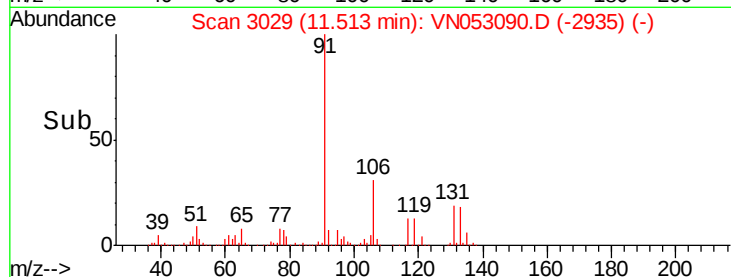
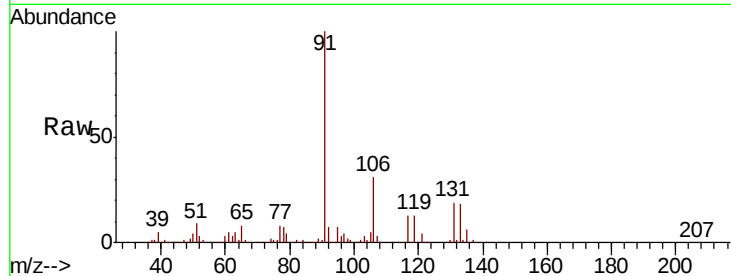




#67
Ethyl Benzene
Concen: 49.643 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

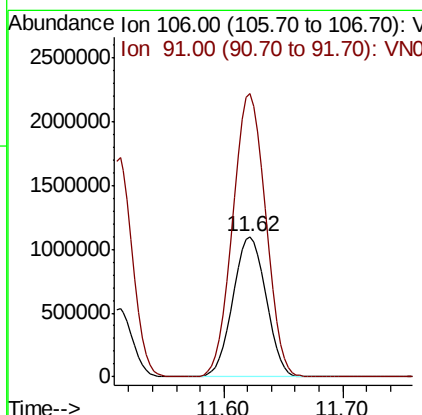
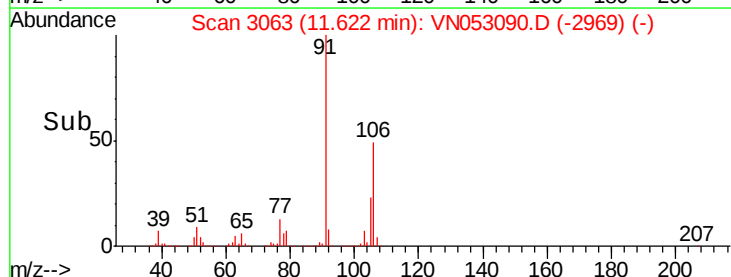
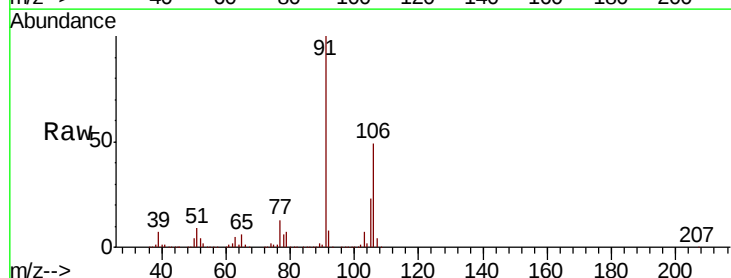
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

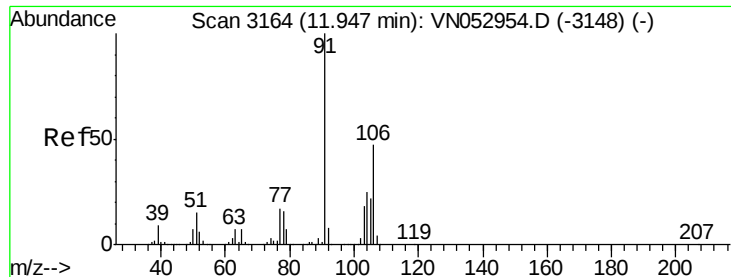
Tot Ion: 91 Resp: 2854255
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 96.996 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 106 Resp: 2120065
Ion Ratio Lower Upper
106 100
91 201.4 162.2 243.4

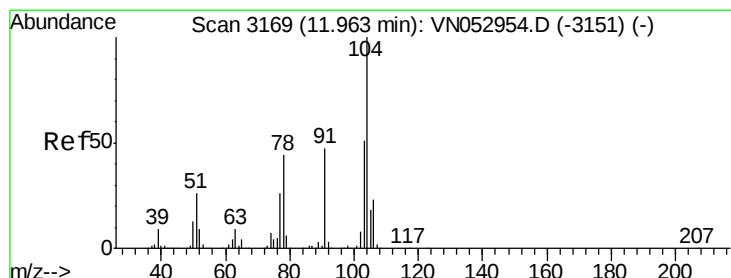
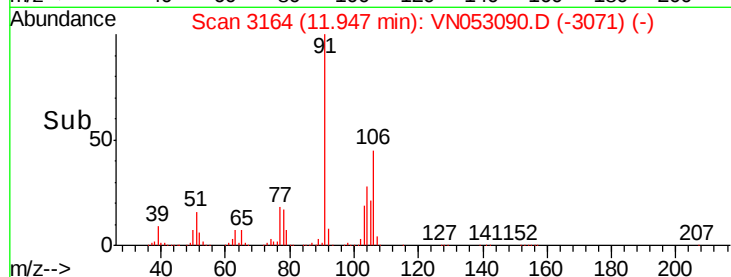
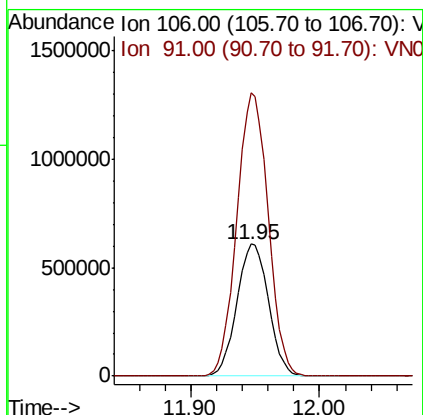
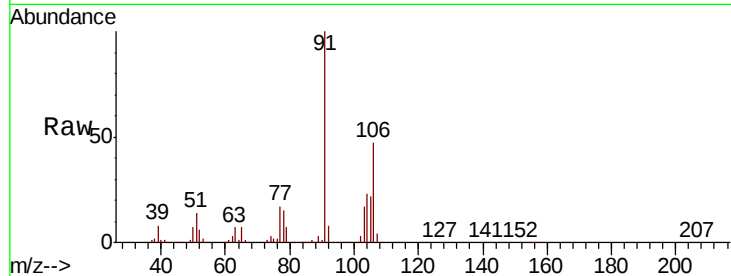




#69
o-Xylene
Concen: 49.356 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

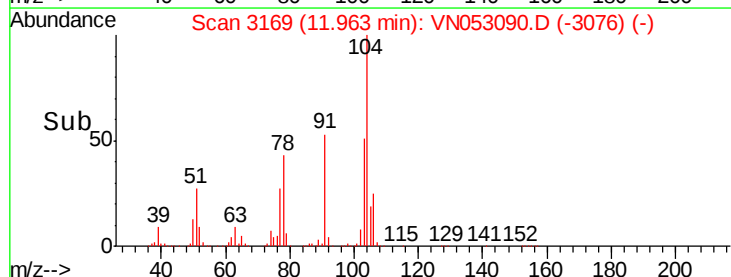
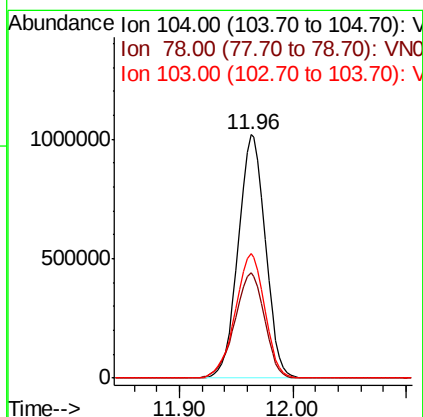
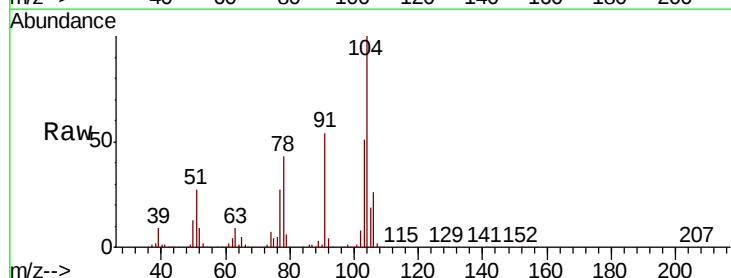
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

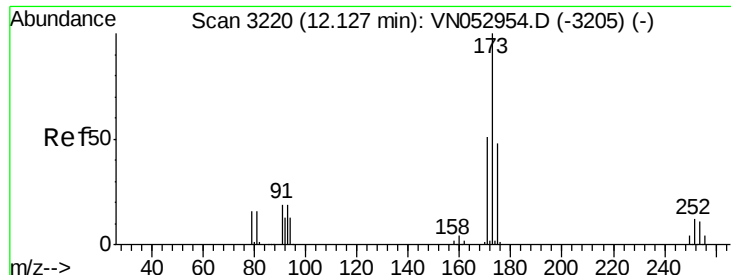
Tot Ion:106 Resp: 1035191
Ion Ratio Lower Upper
106 100
91 213.3 106.6 319.8



#70
Styrene
Concen: 49.910 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion:104 Resp: 1706916
Ion Ratio Lower Upper
104 100
78 47.5 38.9 58.3
103 55.4 44.3 66.5

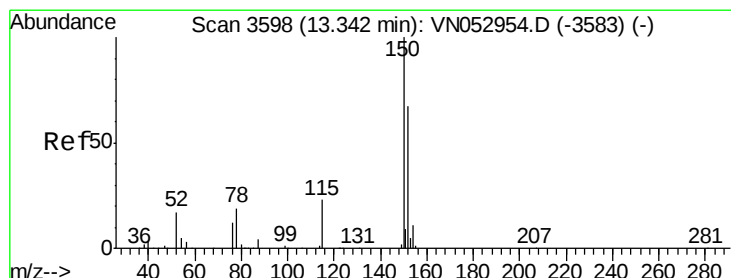
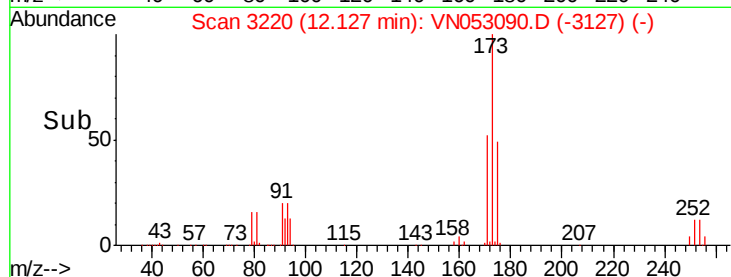
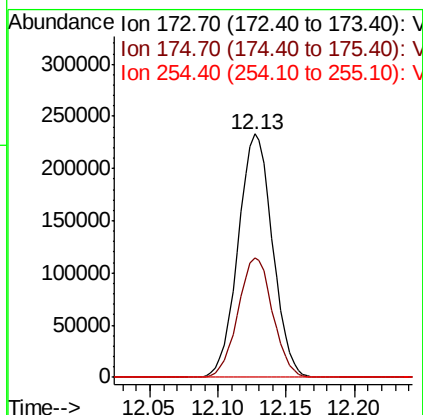
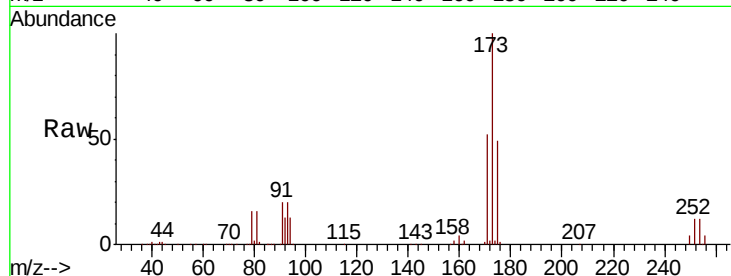




#71
Bromoform
Concen: 48.539 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

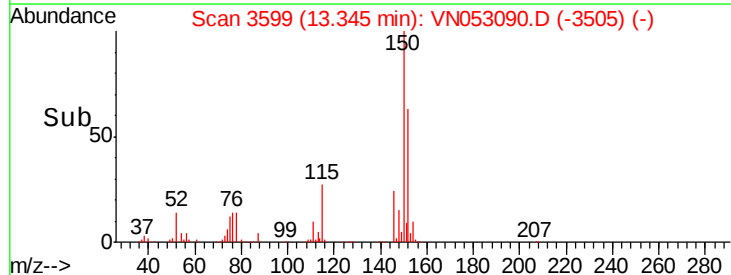
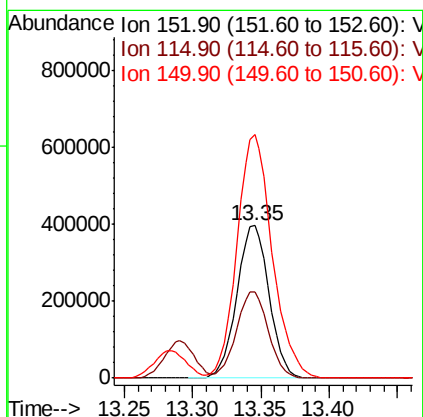
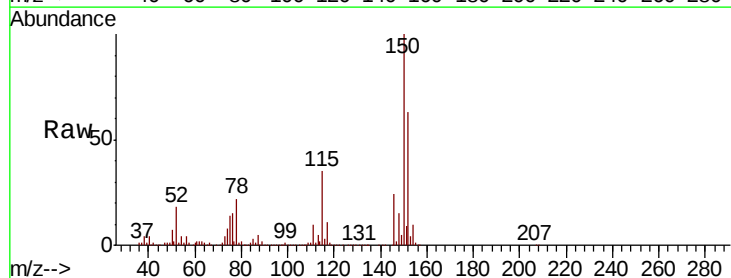
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

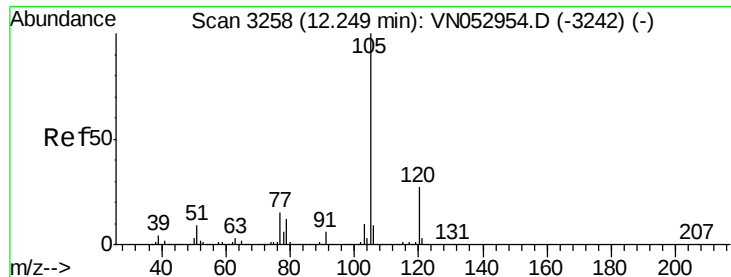
Tot Ion:173 Resp: 407671
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion:152 Resp: 648124
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 174.5 0.0 347.8





#73

Isopropylbenzene

Concen: 54.101 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

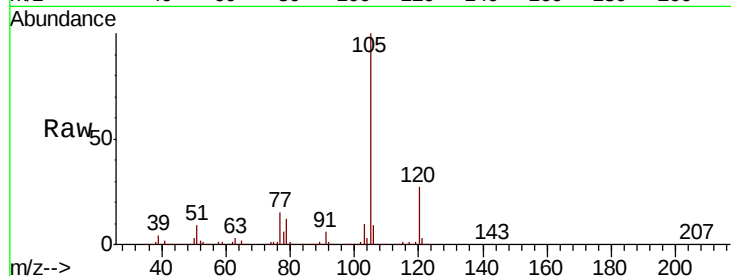
VSTDCCC050EC

Tot Ion:105 Resp: 2743478

Ion Ratio Lower Upper

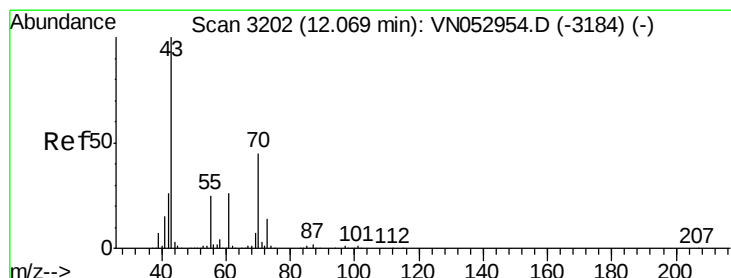
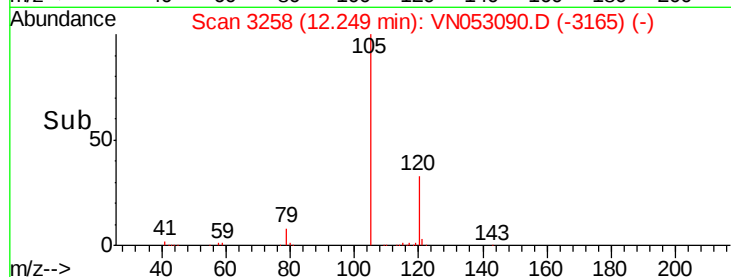
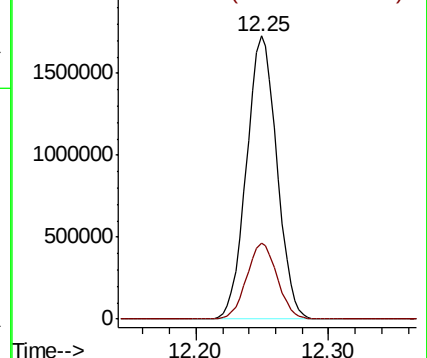
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.151 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Tgt Ion: 43 Resp: 804632

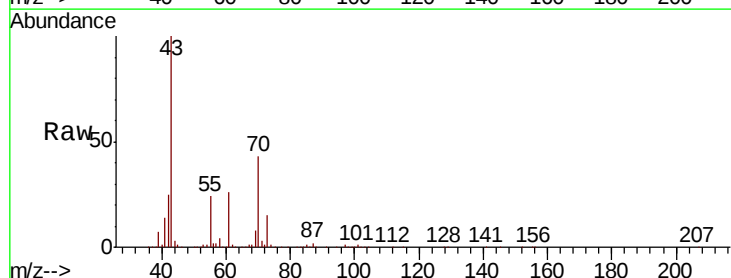
Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.4

55 24.5 20.3 30.5

61 25.8 20.0 30.0

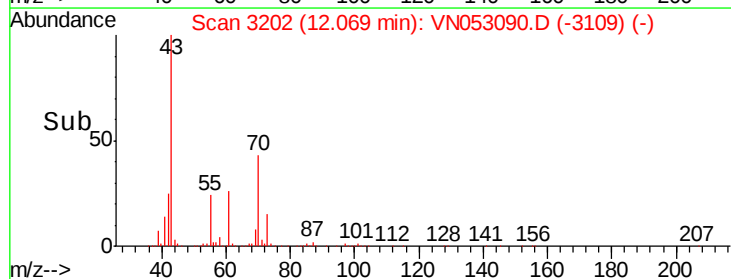
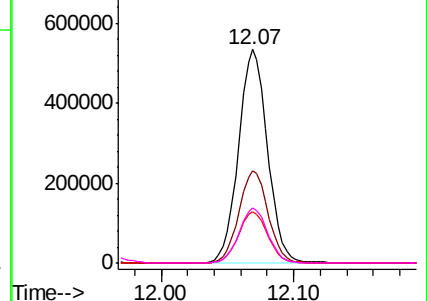


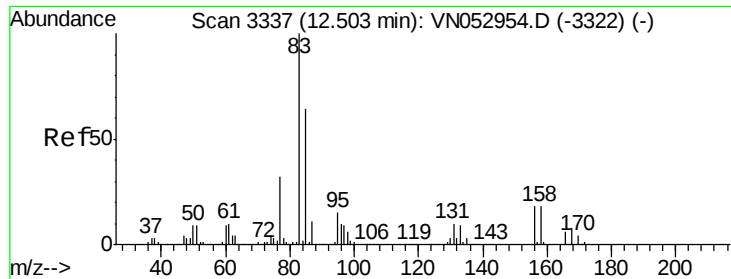
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 60.138 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

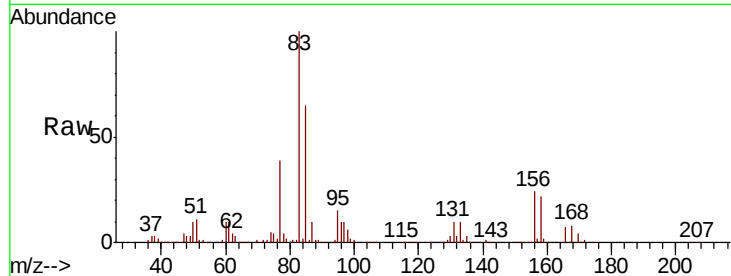
Tot Ion: 83 Resp: 598280

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.2	15.6
85	64.4	32.4	97.0

83 100

131 10.6 5.2 15.6

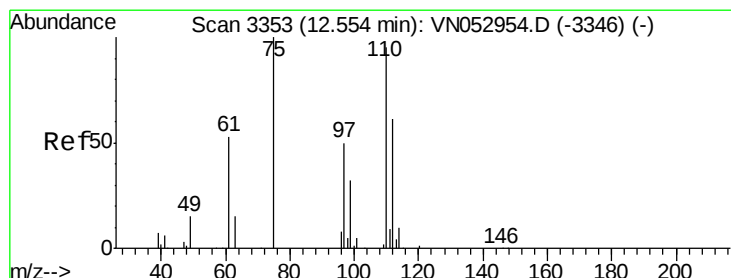
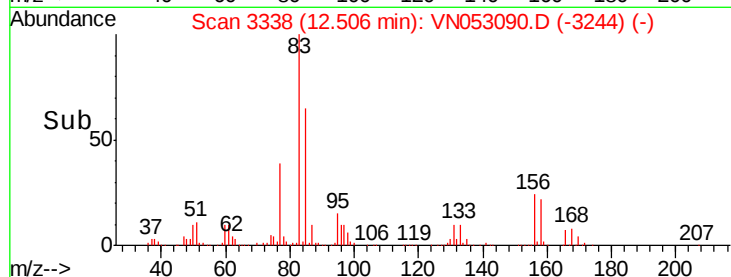
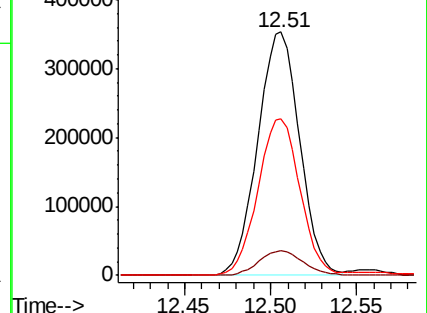
85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 70.941 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053090.D

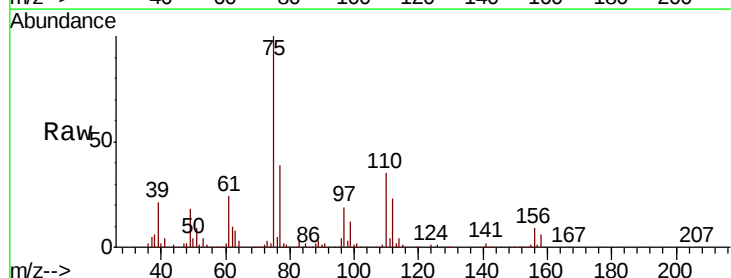
Acq: 21 Dec 2018 7:02

Tgt Ion: 75 Resp: 774002

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

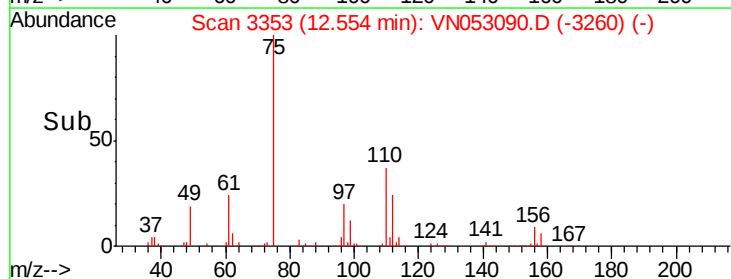
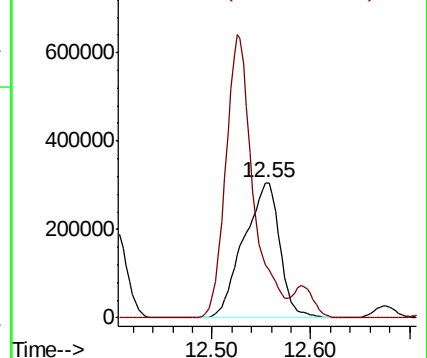
75 100

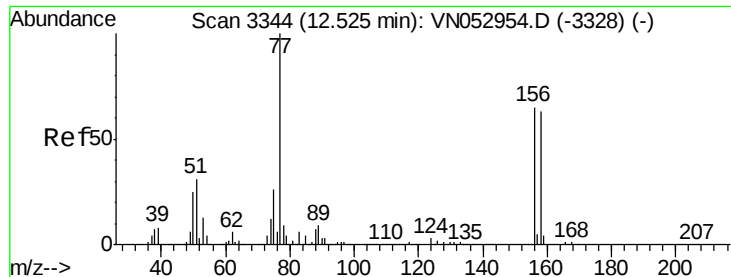
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 55.502 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

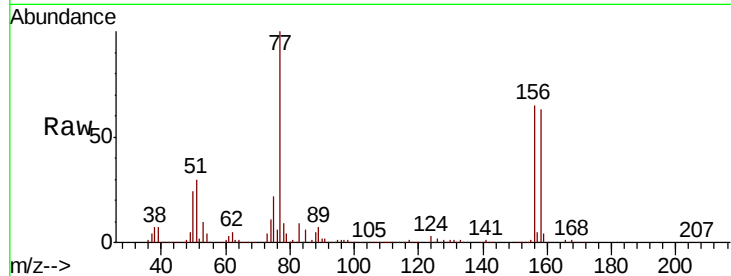
Tot Ion:156 Resp: 731609

Ion Ratio Lower Upper

156 100

77 171.2 91.3 273.8

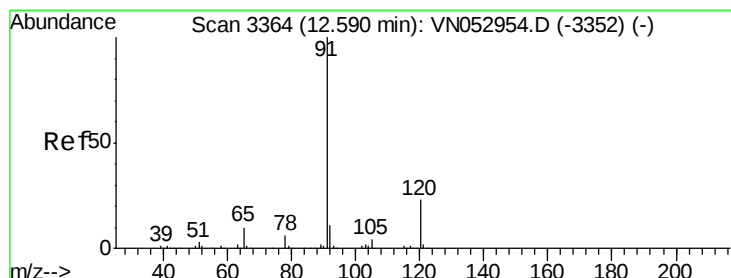
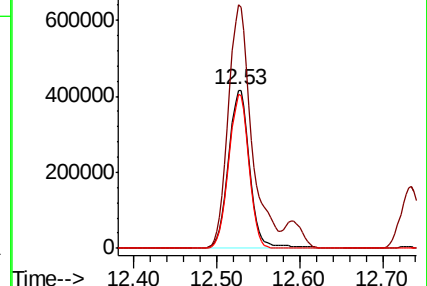
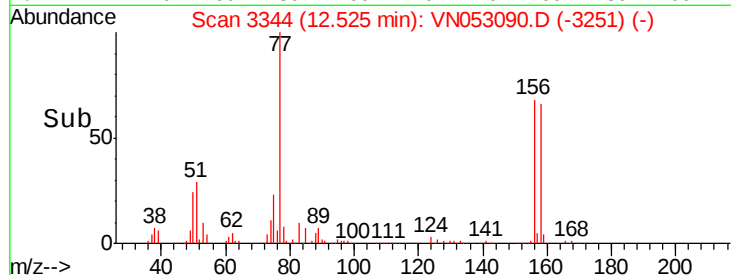
158 92.8 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.487 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053090.D

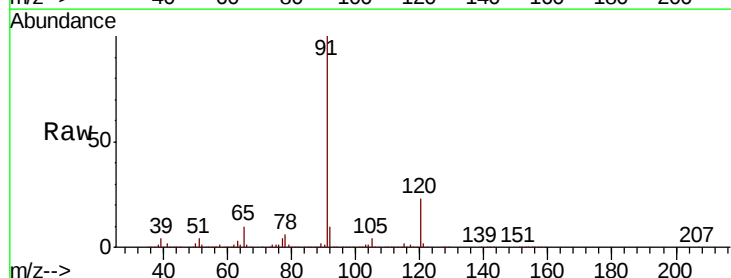
Acq: 21 Dec 2018 7:02

Tgt Ion: 91 Resp: 3031318

Ion Ratio Lower Upper

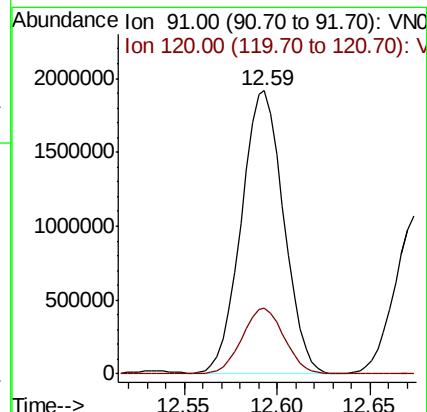
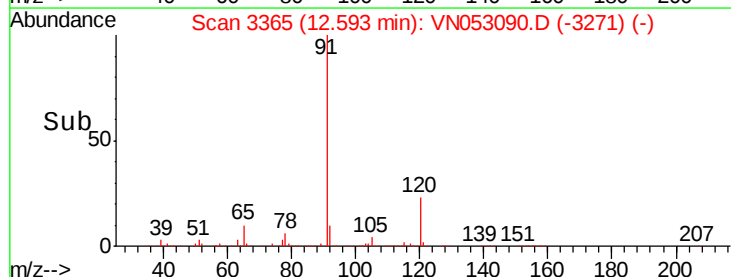
91 100

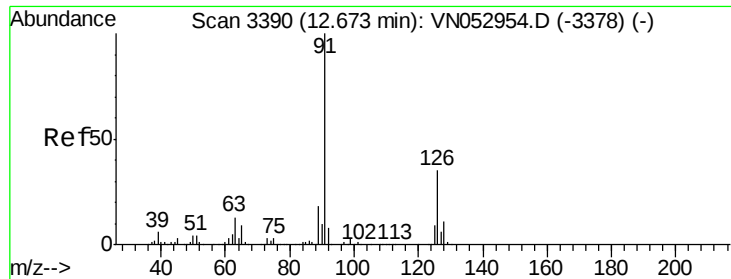
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.809 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

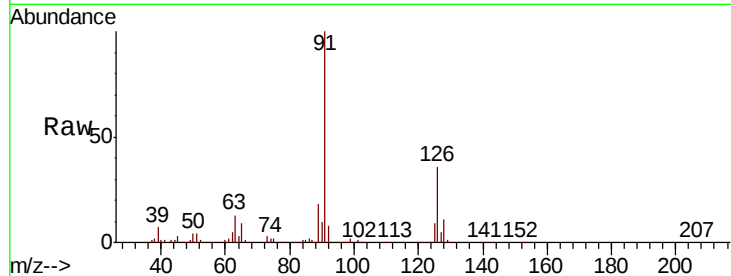
VSTDCCC050EC

Tot Ion: 91 Resp: 1783116

Ion Ratio Lower Upper

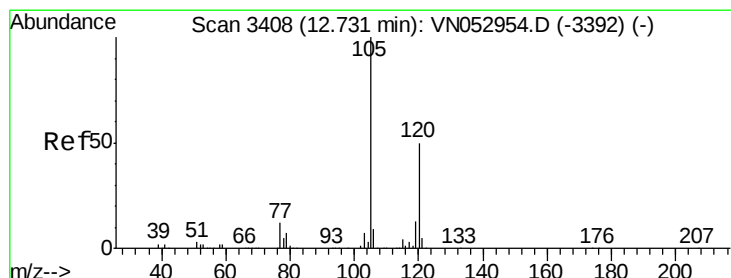
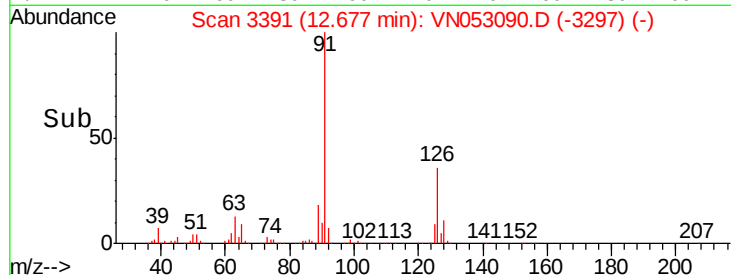
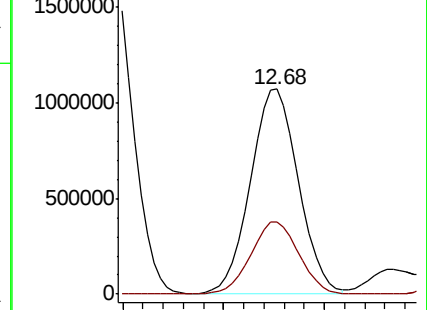
91 100

126 35.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052954.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.800 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053090.D

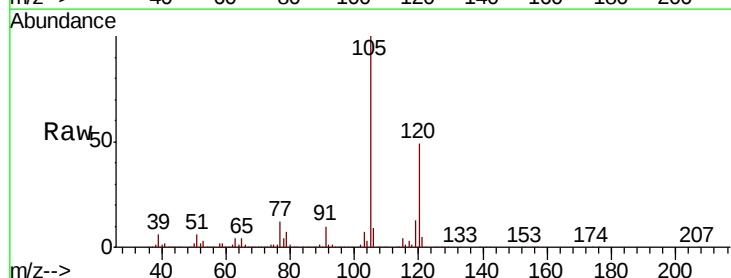
Acq: 21 Dec 2018 7:02

Tgt Ion: 105 Resp: 2099709

Ion Ratio Lower Upper

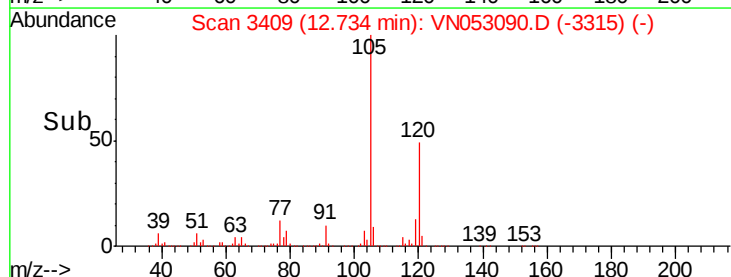
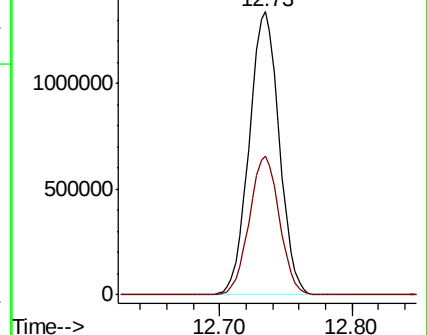
105 100

120 49.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.119 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

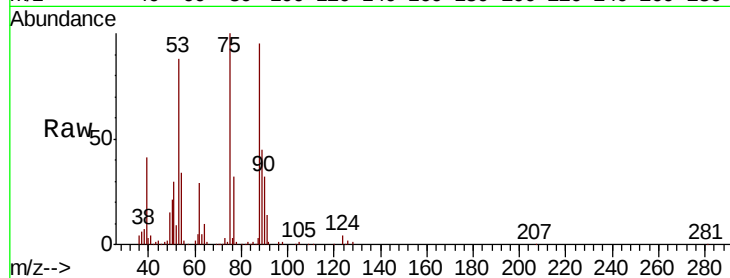
Tot Ion: 75 Resp: 162886

Ion Ratio Lower Upper

75 100

53 88.8 74.7 112.1

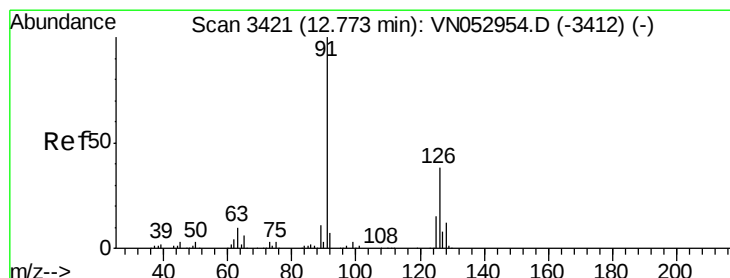
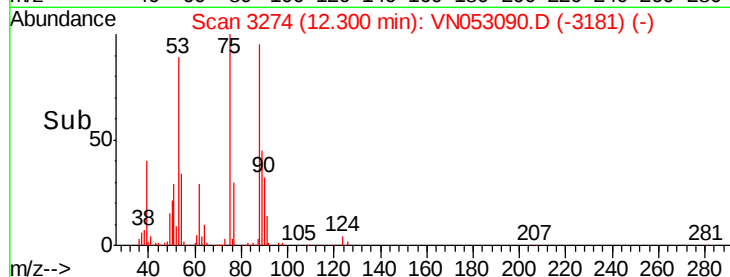
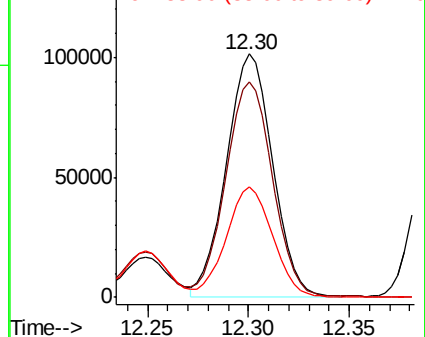
89 45.7 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.309 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053090.D

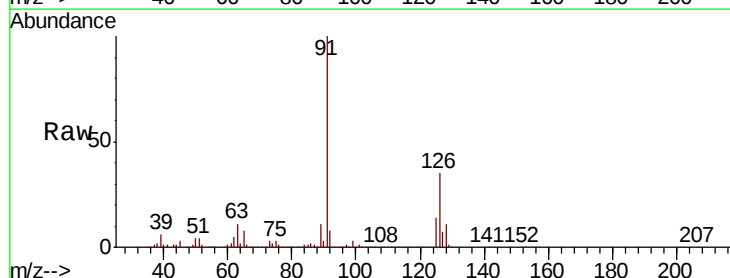
Acq: 21 Dec 2018 7:02

Tgt Ion: 91 Resp: 1798048

Ion Ratio Lower Upper

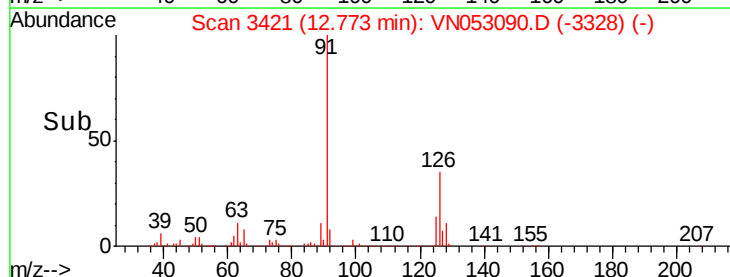
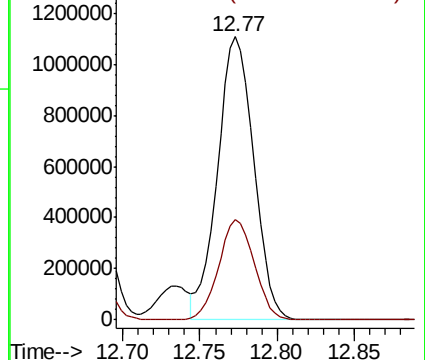
91 100

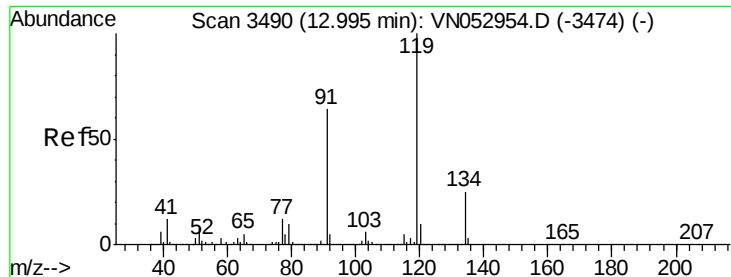
126 34.8 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

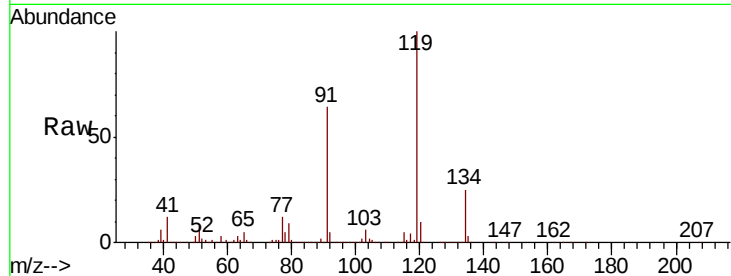




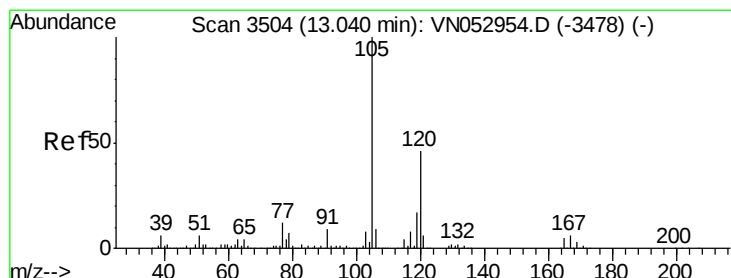
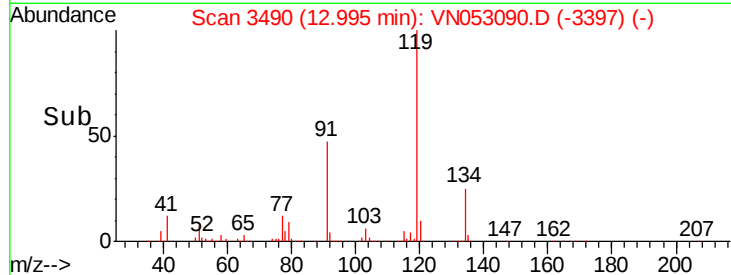
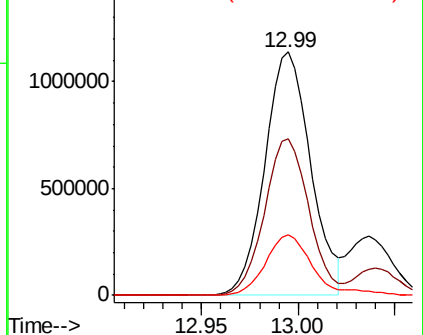
#83
 tert-Butylbenzene
 Concen: 51.233 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 1872852
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.9 95.5
 134 25.7 12.8 38.4

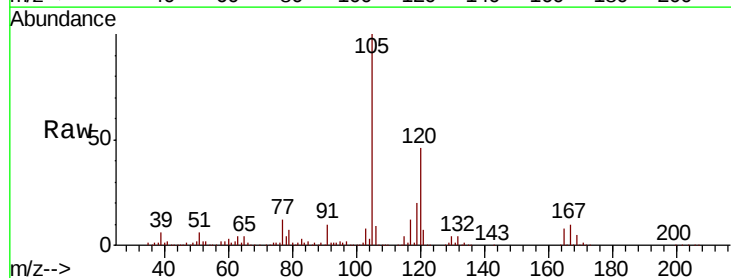


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

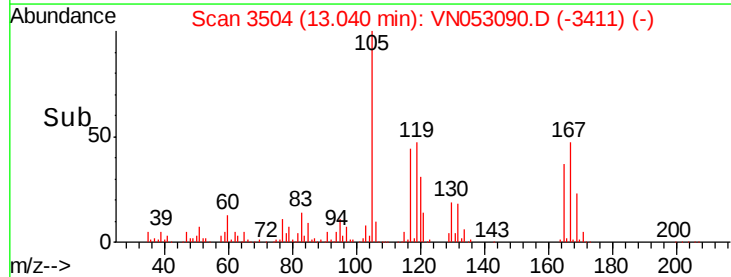
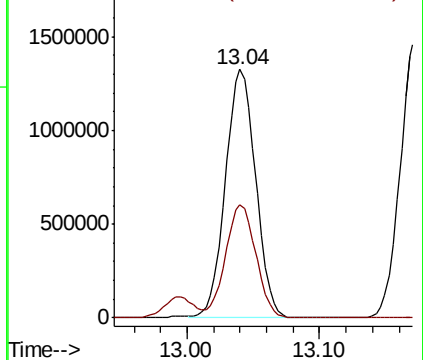


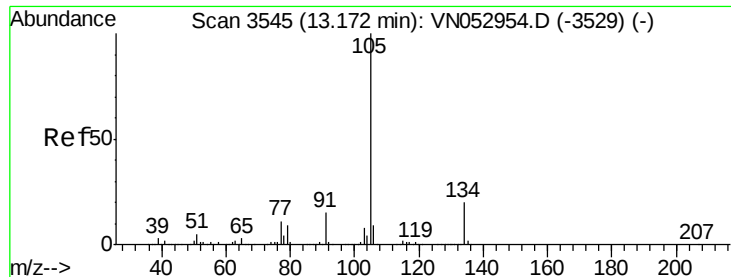
#84
 1,2,4-Trimethylbenzene
 Concen: 50.453 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion:105 Resp: 2096400
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8



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

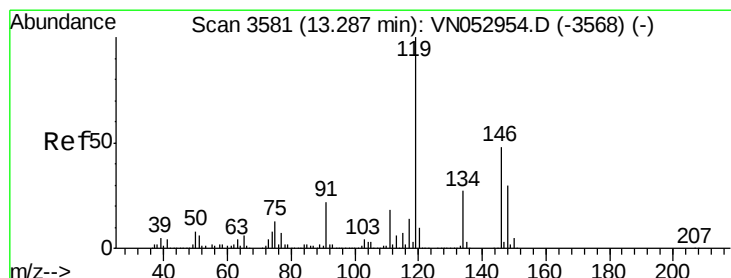
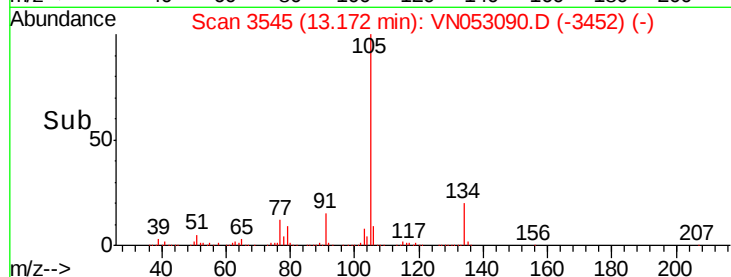
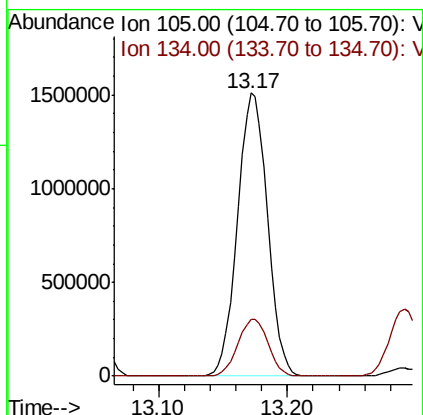
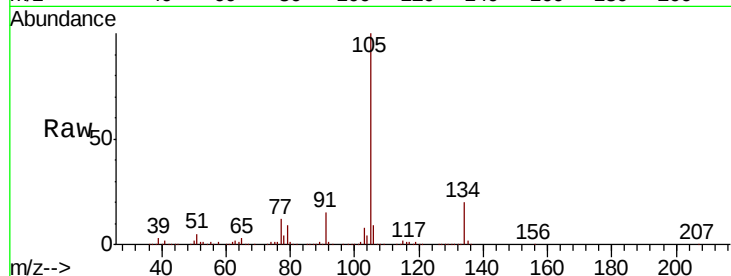




#85
 sec-Butylbenzene
 Concen: 49.182 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

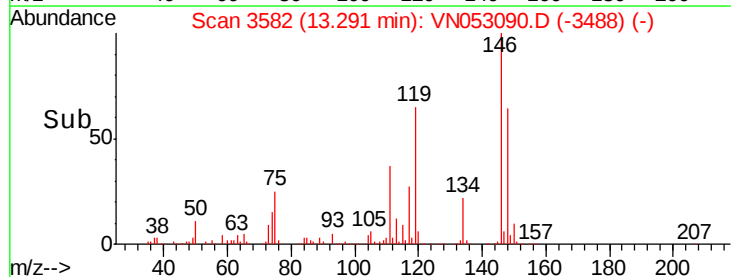
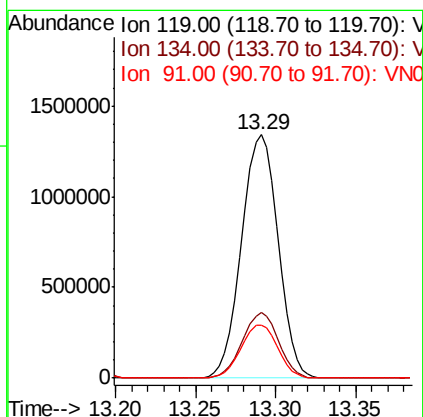
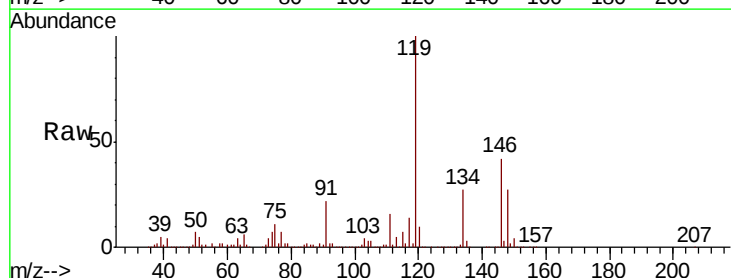
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

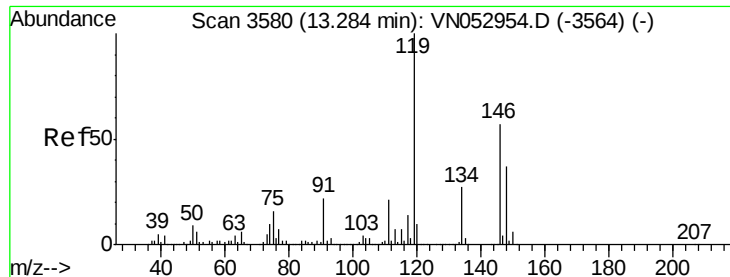
Tot Ion:105 Resp: 2431805
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 48.864 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion:119 Resp: 2087702
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 21.9 11.1 33.3

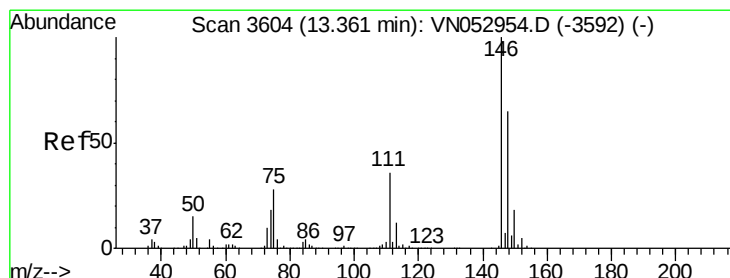
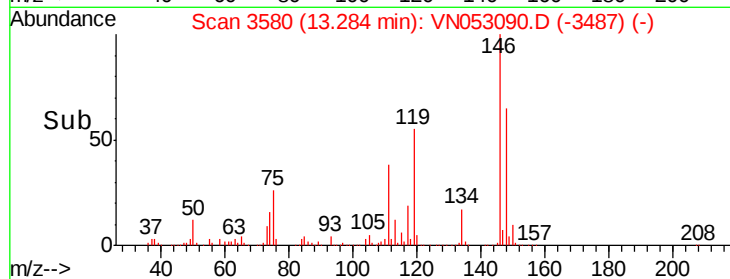
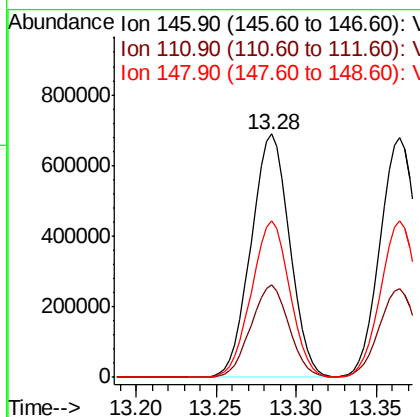
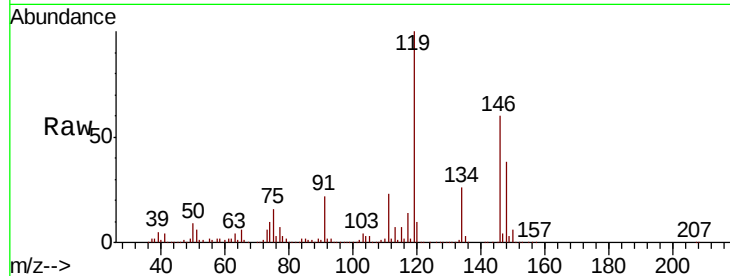




#87
 1,3-Dichlorobenzene
 Concen: 49.113 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

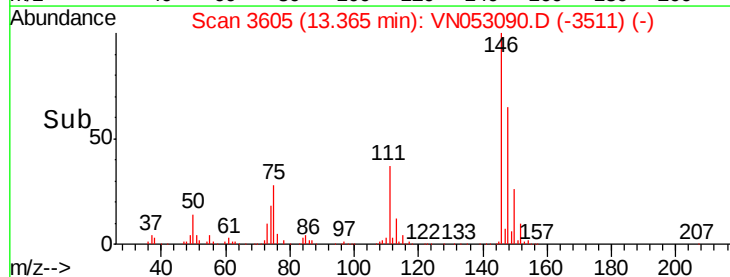
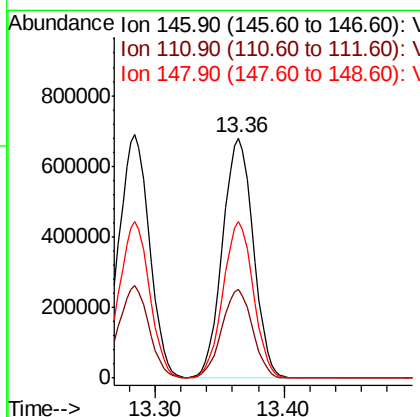
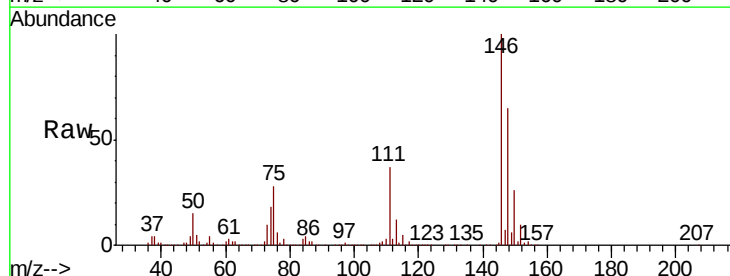
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 1145823
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.1
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.585 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion:146 Resp: 1124246
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.1 32.1 96.5

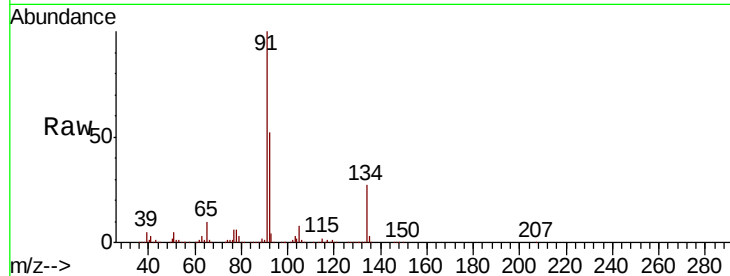




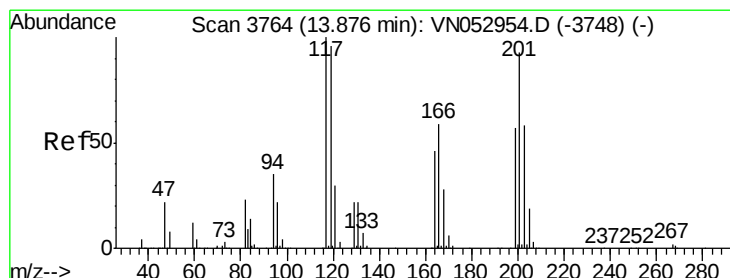
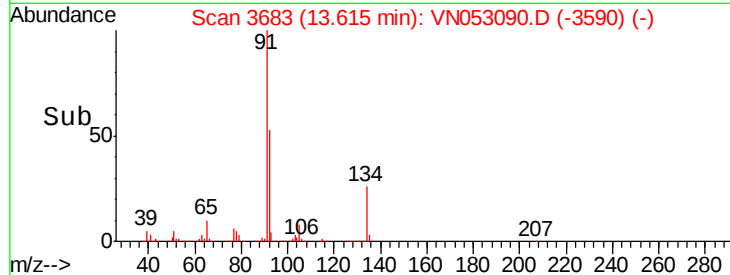
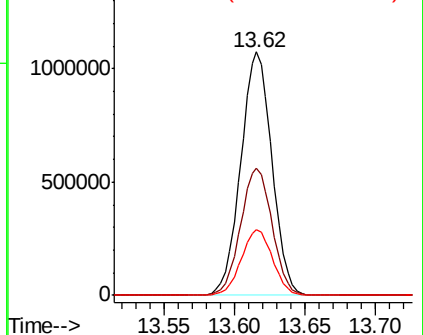
#89
n-Butylbenzene
Concen: 45.231 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1662508
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 27.0 13.3 39.8

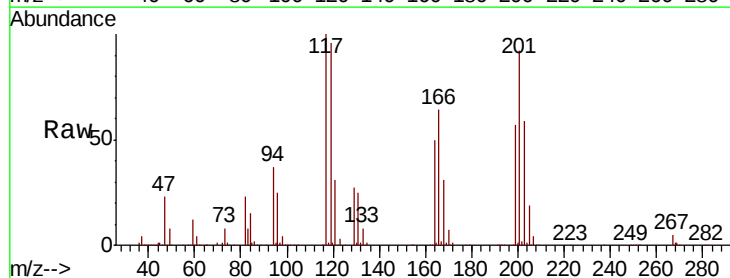


Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)

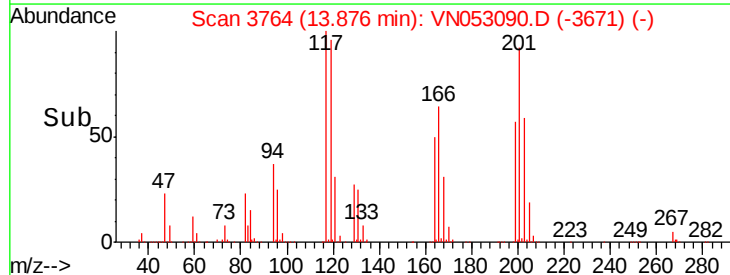
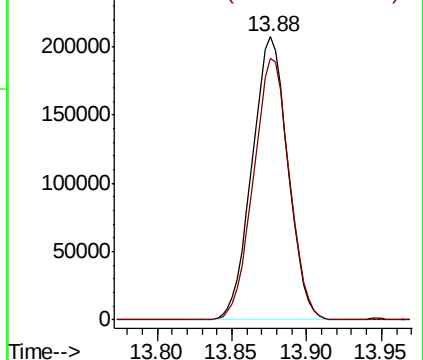


#90
Hexachloroethane
Concen: 52.798 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN053090.D
Acq: 21 Dec 2018 7:02

Tgt Ion: 117 Resp: 346165
Ion Ratio Lower Upper
117 100
201 92.3 45.7 137.1



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)
Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)

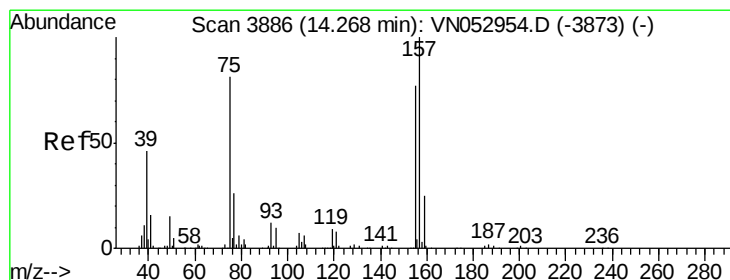
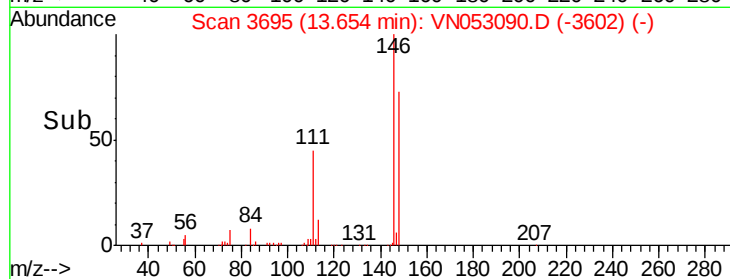
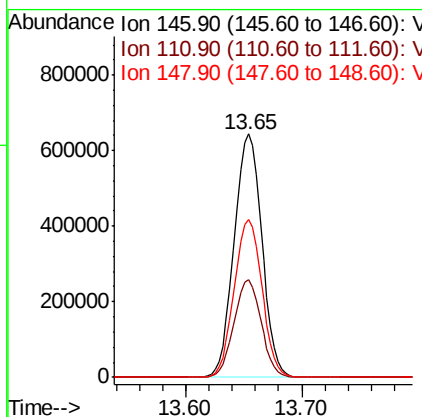
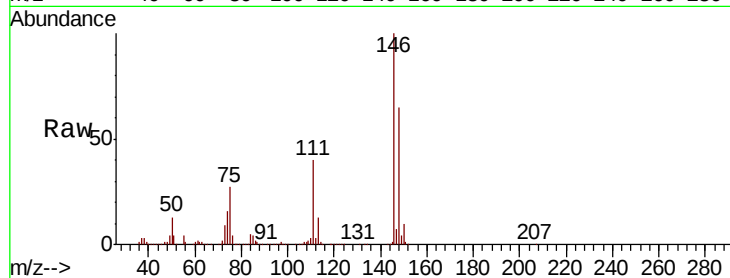




#91
 1,2-Dichlorobenzene
 Concen: 48.584 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

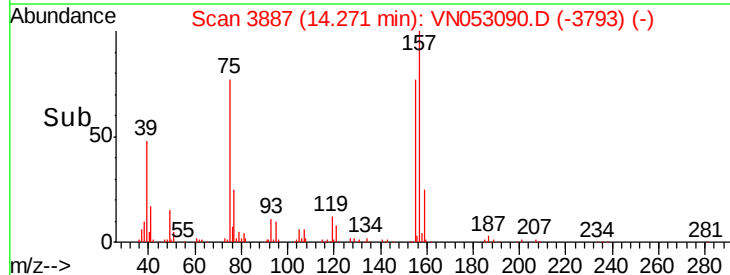
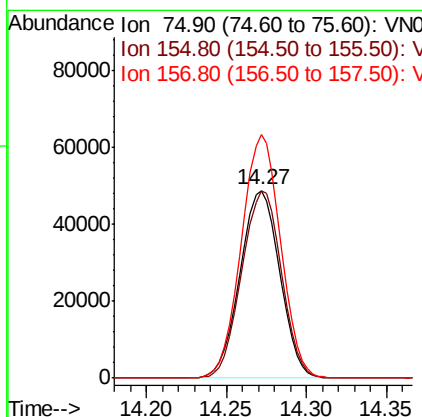
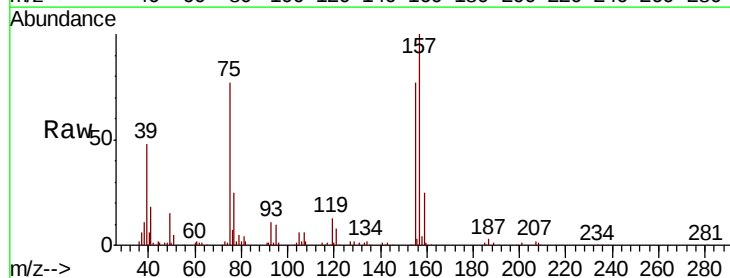
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

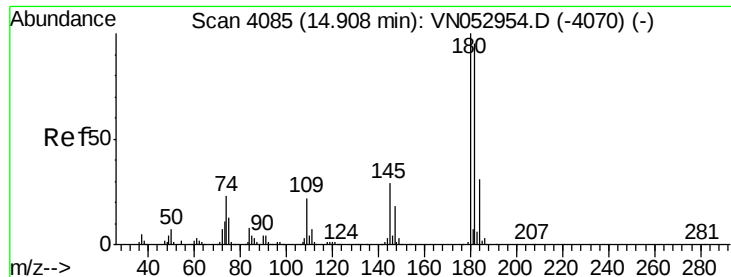
Tot Ion:146 Resp: 1066768
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 64.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.166 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion: 75 Resp: 82854
 Ion Ratio Lower Upper
 75 100
 155 99.6 48.2 144.6
 157 127.7 61.2 183.5

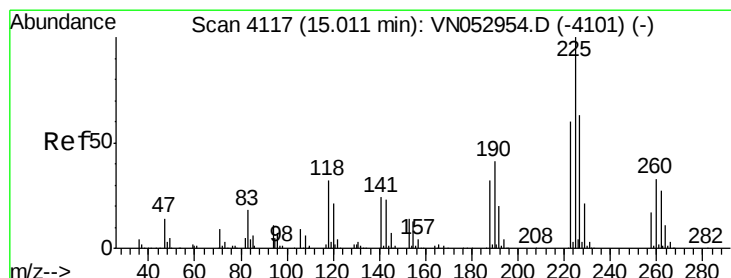
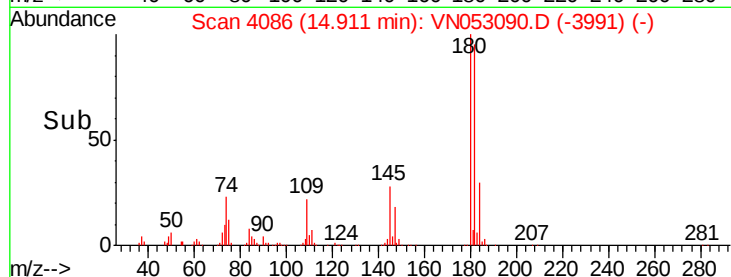
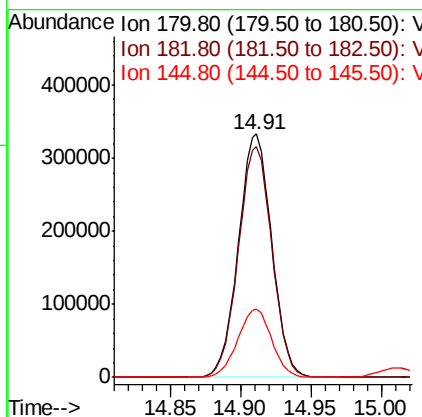
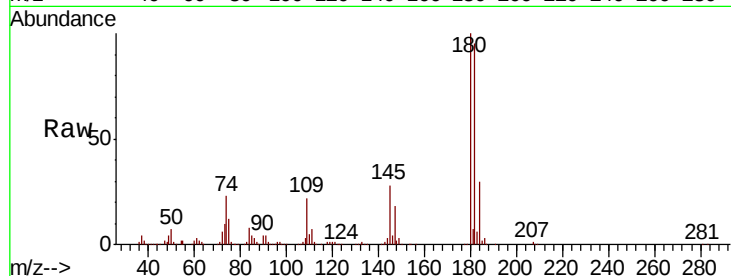




#93
 1,2,4-Trichlorobenzene
 Concen: 47.335 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

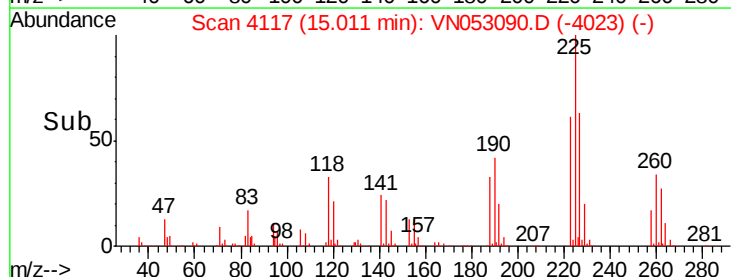
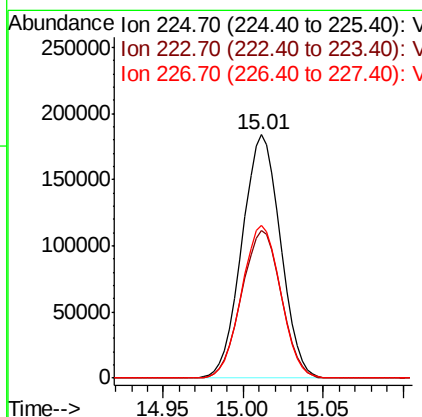
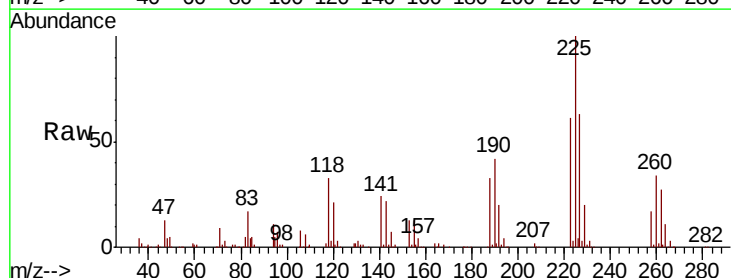
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

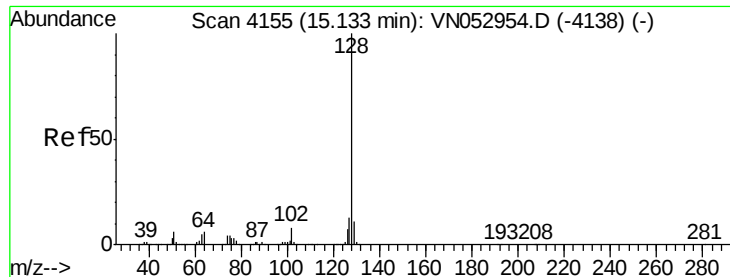
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	28.6	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 50.354 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053090.D
 Acq: 21 Dec 2018 7:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.5	94.5
227	63.5	31.9	95.7





#95

Naphthalene

Concen: 49.262 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

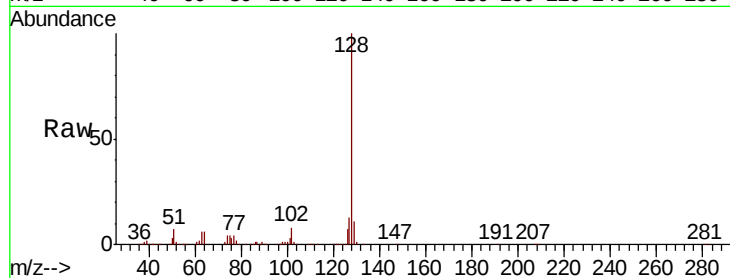
Tot Ion:128 Resp: 1254880

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0

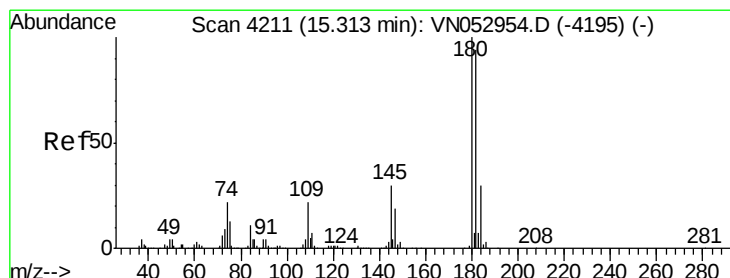
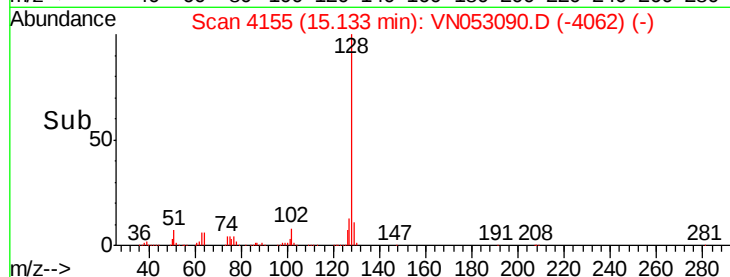
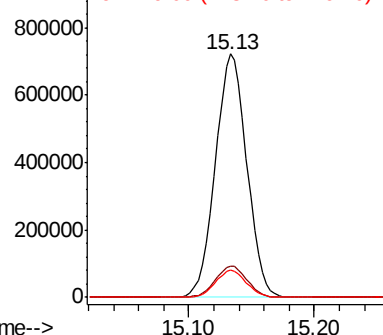


Abundance

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: 47.683 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053090.D

Acq: 21 Dec 2018 7:02

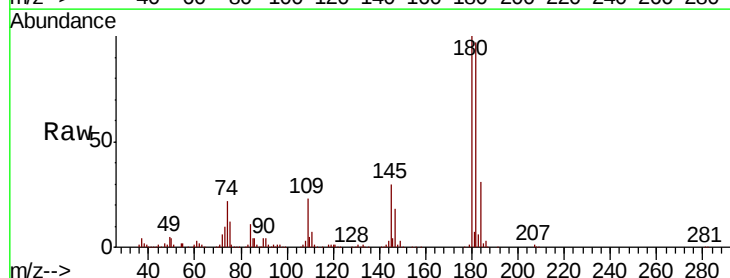
Tgt Ion:180 Resp: 499258

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.7

145 30.4 15.0 45.0



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

