

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051174.D
 Acq On : 14 Sep 2018 8:23
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 14 14:50:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	612046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	834750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	765958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	392759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	324782	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	7.59	113	326756	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.09	98	1227081	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.40	95	411088	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	260389	44.117	ug/l	100
3) Chloromethane	2.06	50	339010	44.415	ug/l	98
4) Vinyl Chloride	2.18	62	352227	43.475	ug/l	98
5) Bromomethane	2.56	94	201766	44.016	ug/l	99
6) Chloroethane	2.70	64	213679	42.732	ug/l	98
7) Trichlorofluoromethane	3.01	101	493494	45.969	ug/l	99
8) Diethyl Ether	3.41	74	173640	43.979	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	319765	46.206	ug/l	98
10) Methyl Iodide	3.95	142	256771	40.839	ug/l	99
11) Tert butyl alcohol	4.78	59	87341	167.884	ug/l	98
12) 1,1-Dichloroethene	3.73	96	284544	43.584	ug/l	97
13) Acrolein	3.61	56	83936	143.624	ug/l	98
14) Allyl chloride	4.32	41	446266	44.865	ug/l	99
15) Acrylonitrile	4.99	53	482500	209.304	ug/l	99
16) Acetone	3.82	43	389860	231.052	ug/l	99
17) Carbon Disulfide	4.05	76	816541	42.454	ug/l	99
18) Methyl Acetate	4.32	43	232575	42.640	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	758617	43.956	ug/l	99
20) Methylene Chloride	4.55	84	335021	44.528	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	312542	44.137	ug/l	98
22) Diisopropyl ether	5.95	45	959449	48.594	ug/l	97
23) Vinyl Acetate	5.89	43	3016275	225.741	ug/l	99
24) 1,1-Dichloroethane	5.85	63	574582	45.869	ug/l	99
25) 2-Butanone	6.83	43	544443	203.309	ug/l	98
26) 2,2-Dichloropropane	6.82	77	478790	46.697	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	353431	45.495	ug/l	99
28) Bromochloromethane	7.19	49	259095	46.469	ug/l	99
29) Tetrahydrofuran	7.21	42	340591	203.667	ug/l	99
30) Chloroform	7.37	83	589499	47.304	ug/l	98
31) Cyclohexane	7.65	56	503405	45.046	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	501624	47.240	ug/l	100
36) 1,1-Dichloropropene	7.79	75	446131	48.679	ug/l	100
37) Ethyl Acetate	6.93	43	234192	44.122	ug/l	100
38) Carbon Tetrachloride	7.77	117	452277	50.141	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	501005	49.547	ug/l	98
40) Benzene	8.04	78	1350150	48.889	ug/l	98
41) Methacrylonitrile	7.18	41	134095	48.965	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	394426	48.999	ug/l	98
43) Isopropyl Acetate	8.16	43	419185	44.758	ug/l	99
44) Trichloroethene	8.83	130	364288	48.226	ug/l	99
45) 1,2-Dichloropropane	9.12	63	355580	49.829	ug/l	98
46) Dibromomethane	9.21	93	202217	46.444	ug/l	99
47) Bromodichloromethane	9.40	83	445466	50.318	ug/l	100
48) Methyl methacrylate	9.20	41	204692	44.848	ug/l	98
49) 1,4-Dioxane	9.20	88	58729	820.571	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1148202	221.693	ug/l	100
52) Toluene	10.16	92	845739	50.223	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	439233	49.572	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	520029	50.056	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	298214	48.750	ug/l	99
56) Ethyl methacrylate	10.43	69	354169	43.481	ug/l	99
57) 1,3-Dichloropropane	10.71	76	490639	48.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	716570	210.230	ug/l	99
59) 2-Hexanone	10.75	43	761981	216.937	ug/l	99
60) Dibromochloromethane	10.90	129	347980	50.469	ug/l	100
61) 1,2-Dibromoethane	11.00	107	285949	47.819	ug/l	100
64) Tetrachloroethene	10.63	164	335257	47.967	ug/l	99
65) Chlorobenzene	11.43	112	941030	48.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	347307	49.962	ug/l	99
67) Ethyl Benzene	11.51	91	1579799	50.525	ug/l	100
68) m/p-Xylenes	11.62	106	1248970	103.962	ug/l	100
69) o-Xylene	11.95	106	599252	51.510	ug/l	100
70) Styrene	11.96	104	971484	53.834	ug/l	100
71) Bromoform	12.13	173	237826	48.593	ug/l #	100
73) Isopropylbenzene	12.25	105	1593423	48.377	ug/l	100
74) N-amyl acetate	12.07	43	337761	40.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	355897	46.999	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	413191	68.404	ug/l #	100
77) Bromobenzene	12.53	156	403723	45.635	ug/l	98
78) n-propylbenzene	12.59	91	1800285	49.726	ug/l	100
79) 2-Chlorotoluene	12.67	91	1069822	47.277	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1319864	49.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	86447	41.801	ug/l	98
82) 4-Chlorotoluene	12.77	91	1068868	47.585	ug/l	99
83) tert-Butylbenzene	12.99	119	1148056	48.835	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1337450	51.079	ug/l	100
85) sec-Butylbenzene	13.17	105	1507353	49.994	ug/l	100
86) p-Isopropyltoluene	13.29	119	1333271	52.153	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	708687	47.216	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	685529	49.746	ug/l	100
89) n-Butylbenzene	13.61	91	1035811	52.060	ug/l	100
90) Hexachloroethane	13.87	117	238095	51.170	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	674923	46.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44915	40.057	ug/l	99

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QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

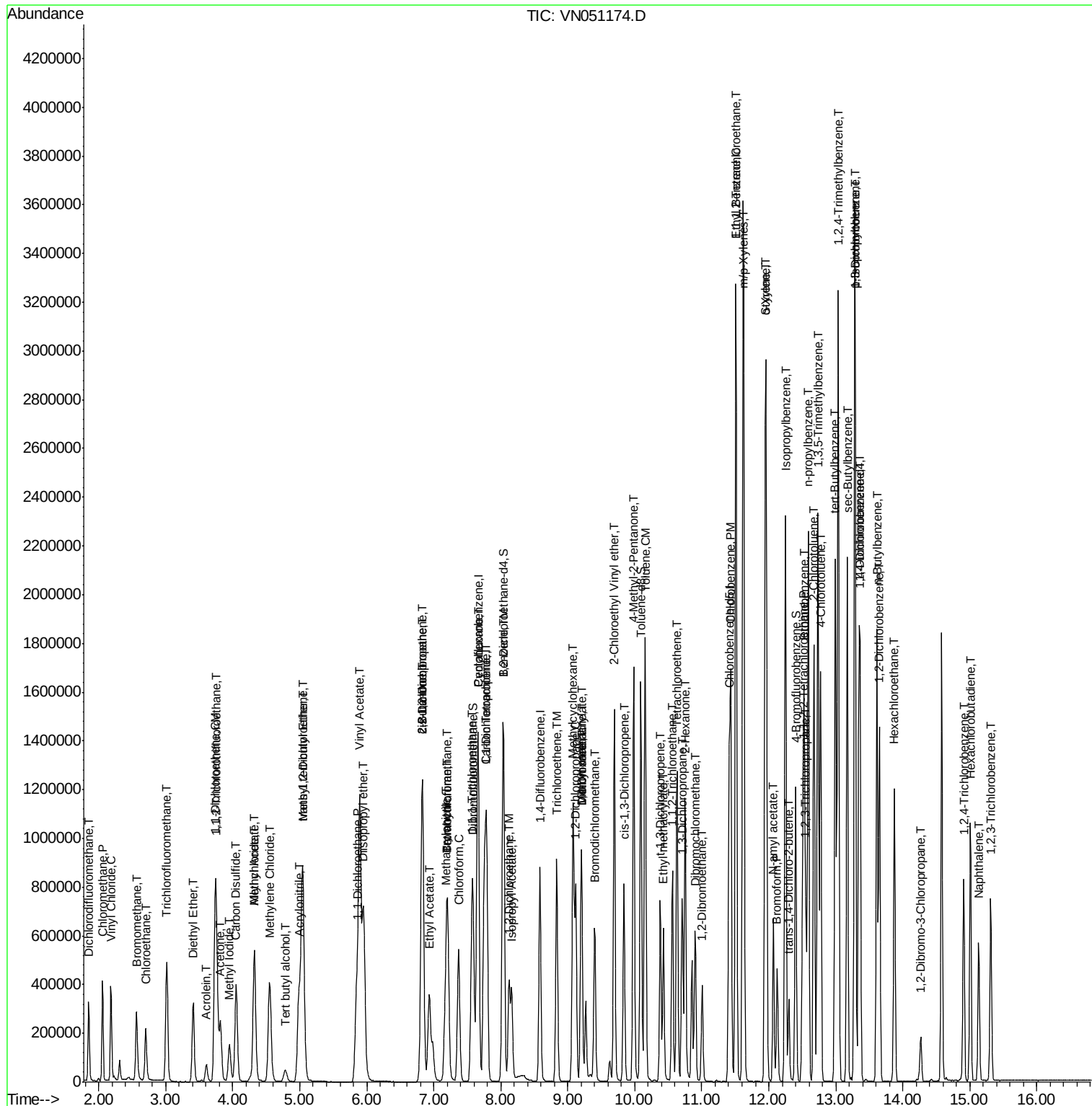
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	293854	42.245	ug/l	99
94) Hexachlorobutadiene	15.01	225	231534	54.480	ug/l	99
95) Naphthalene	15.13	128	508580	36.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	285663	42.759	ug/l	100

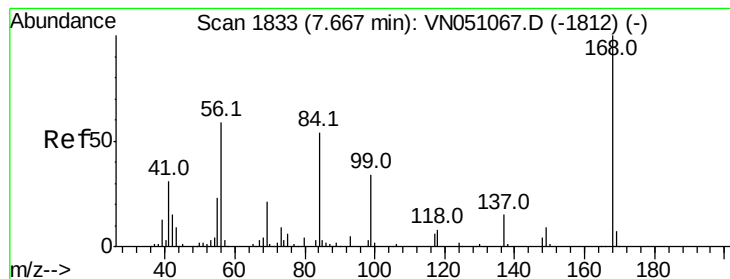
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

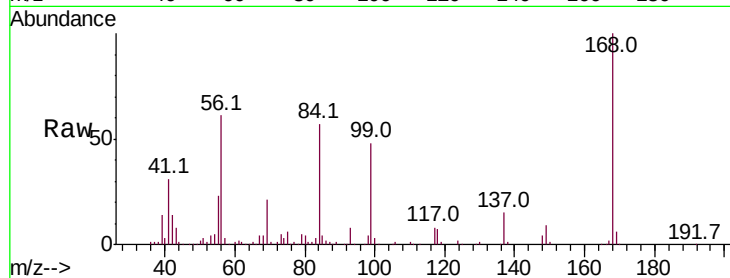
VSTDCCC050

Tot Ion:168 Resp: 612046

Ion Ratio Lower Upper

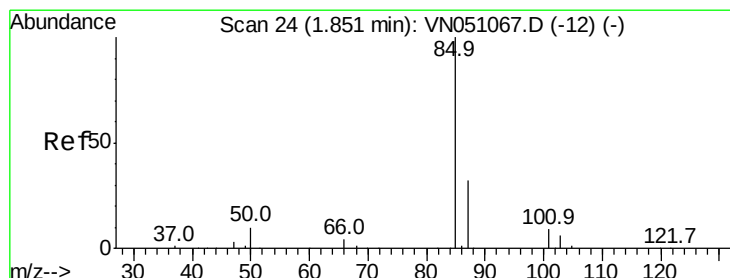
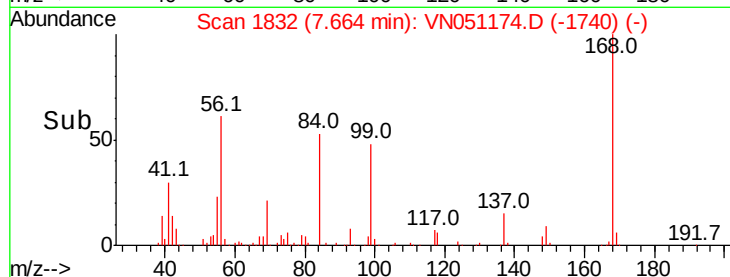
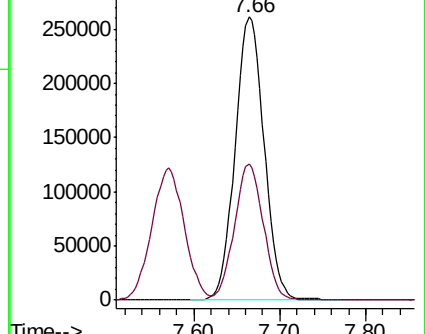
168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.117 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051174.D

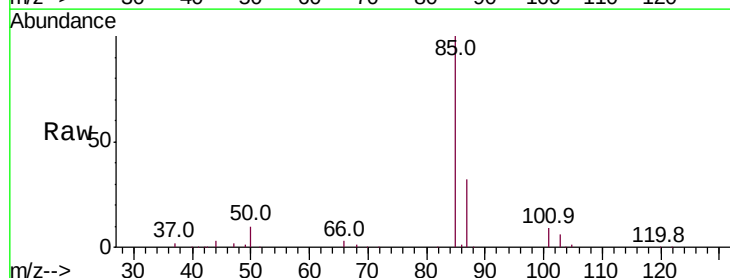
Acq: 14 Sep 2018 8:23

Tgt Ion: 85 Resp: 260389

Ion Ratio Lower Upper

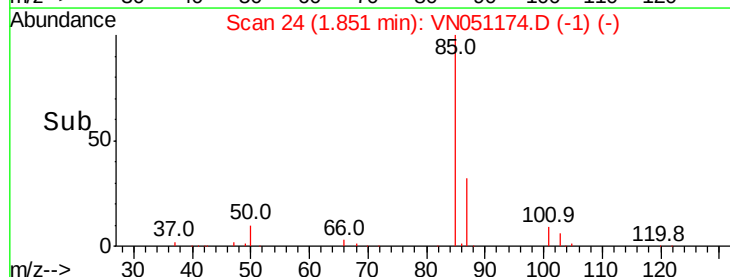
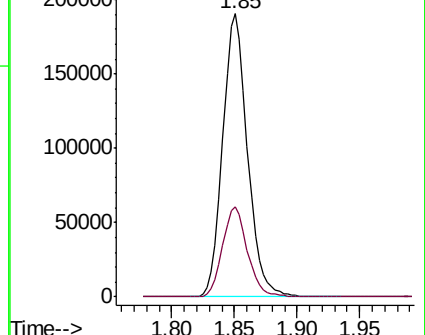
85 100

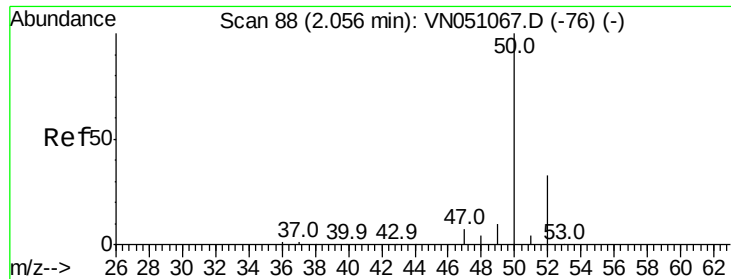
87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

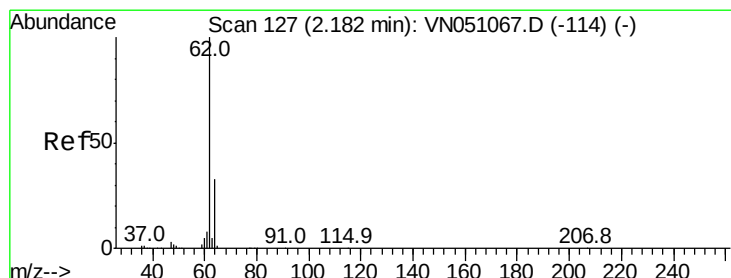
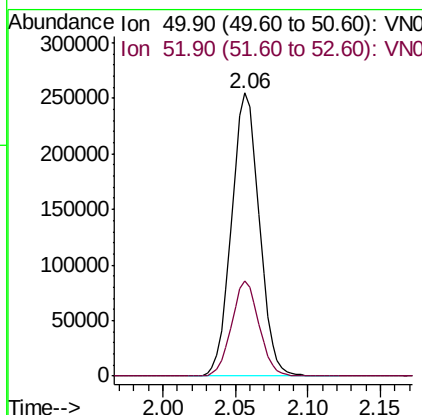
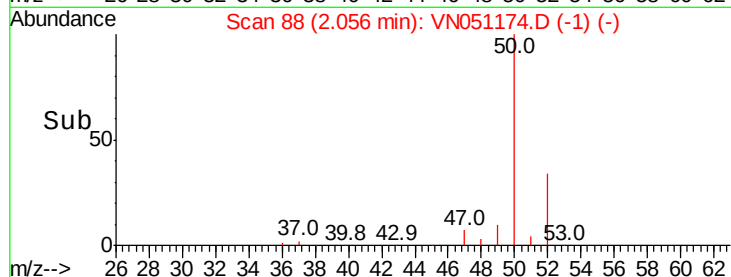
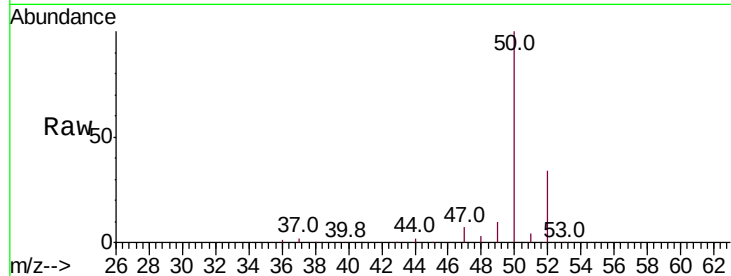




#3
 Chloromethane
 Concen: 44.415 ug/l
 RT: 2.06 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

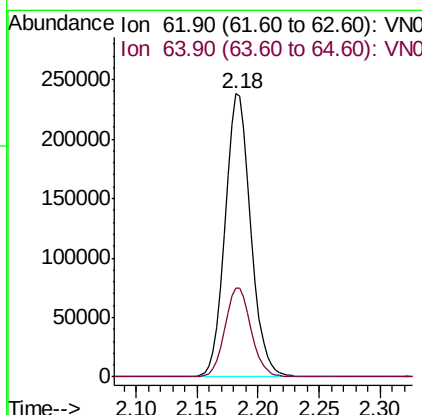
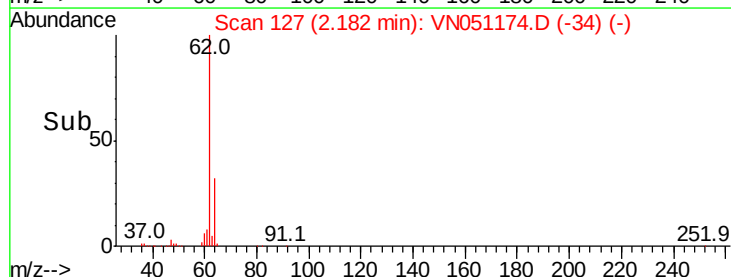
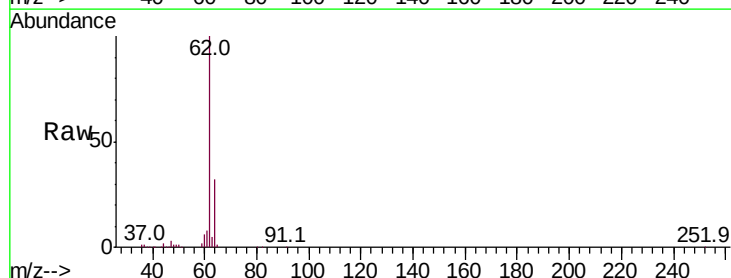
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

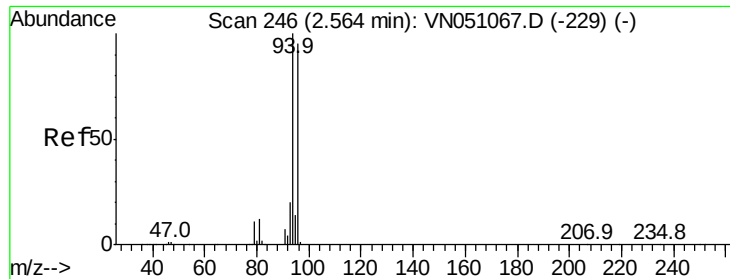
Tot Ion: 50 Resp: 339010
 Ion Ratio Lower Upper
 50 100
 52 33.5 26.0 39.0



#4
 Vinyl Chloride
 Concen: 43.475 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion: 62 Resp: 352227
 Ion Ratio Lower Upper
 62 100
 64 31.5 26.2 39.4





#5

Bromomethane

Concen: 44.016 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

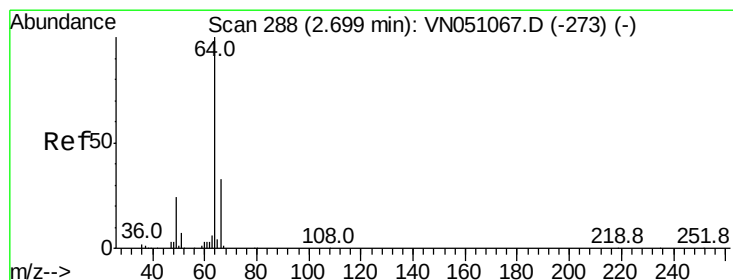
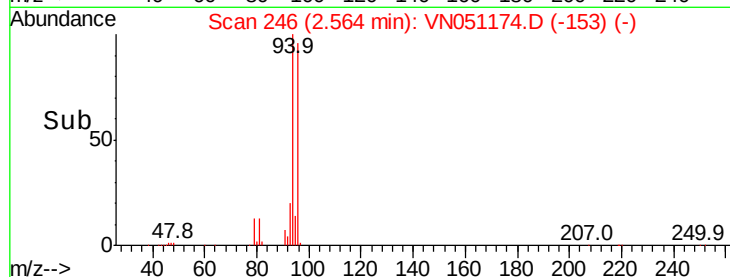
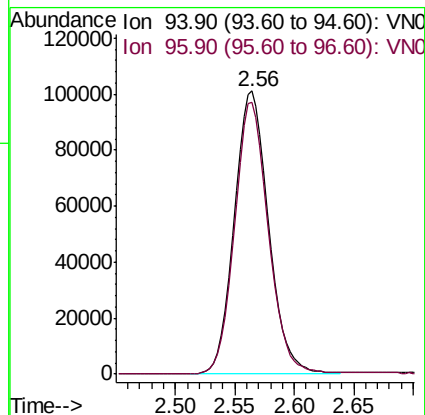
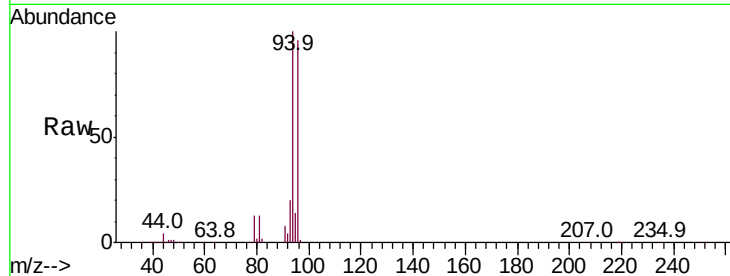
VSTDCCC050

Tot Ion: 94 Resp: 201766

Ion Ratio Lower Upper

94 100

96 96.1 75.9 113.9



#6

Chloroethane

Concen: 42.732 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051174.D

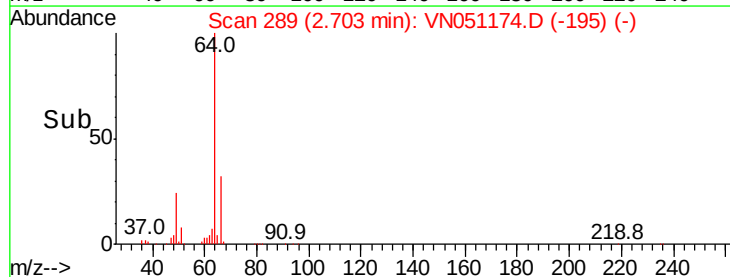
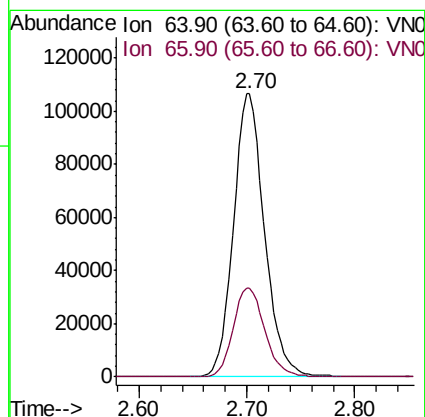
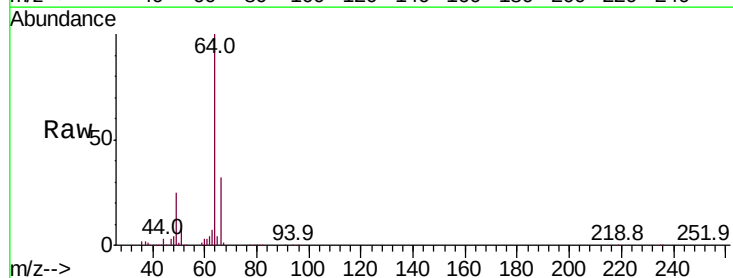
Acq: 14 Sep 2018 8:23

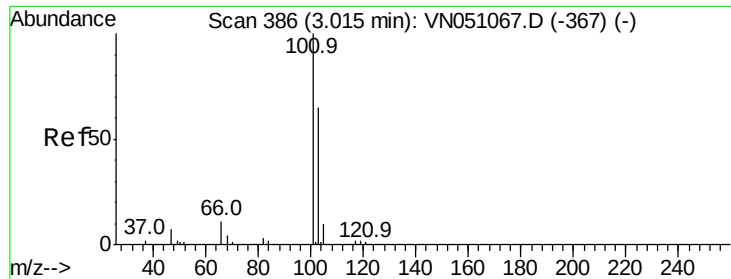
Tgt Ion: 64 Resp: 213679

Ion Ratio Lower Upper

64 100

66 31.5 26.1 39.1



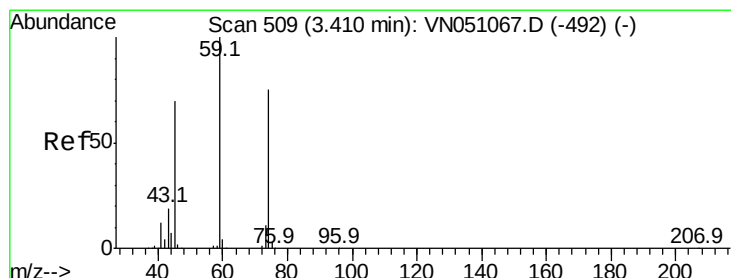
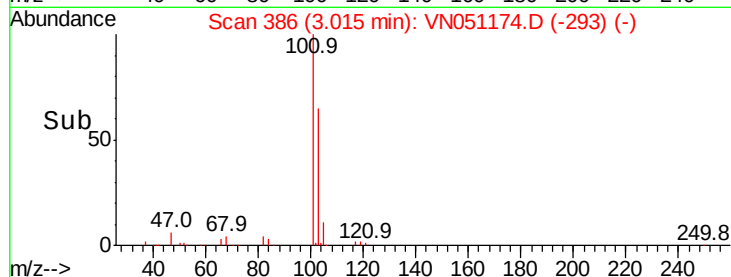
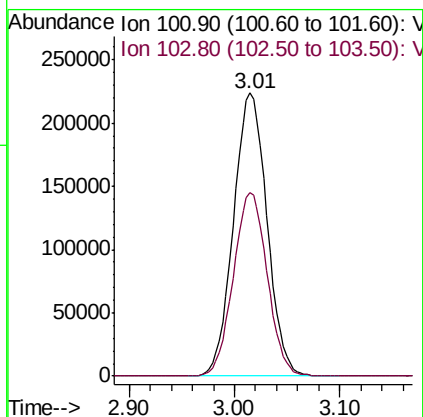
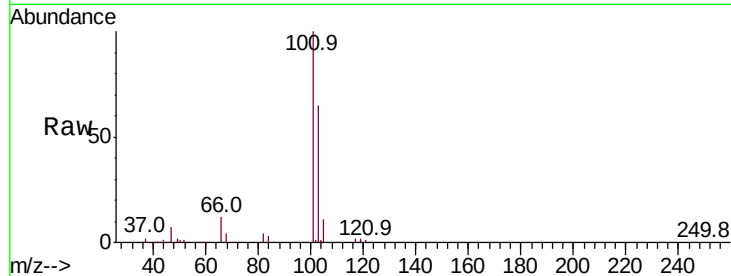


#7

Trichlorofluoromethane
 Concen: 45.969 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

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 VSTDCCC050

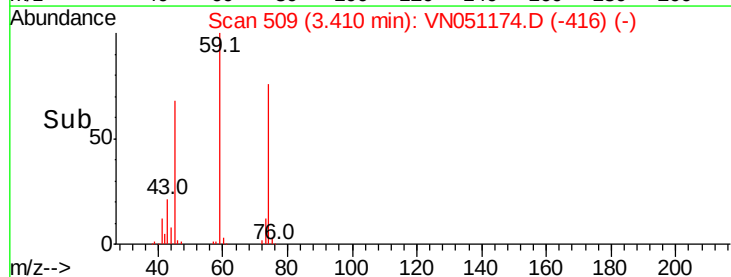
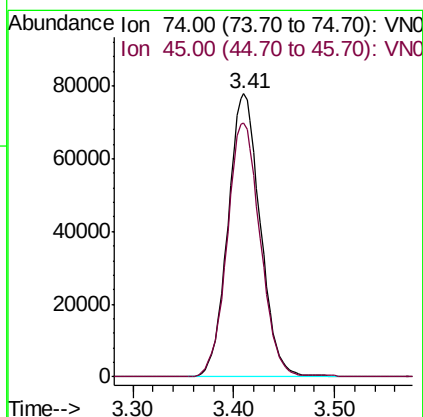
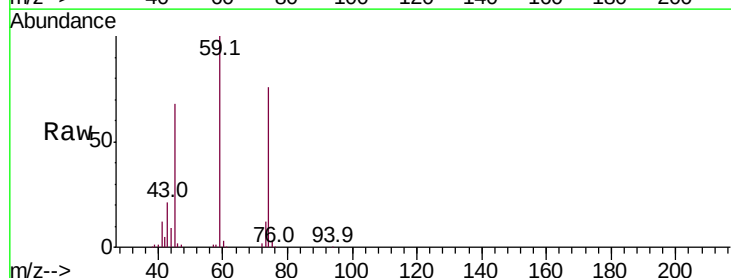
Tot Ion:101 Resp: 493494
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.4 78.6

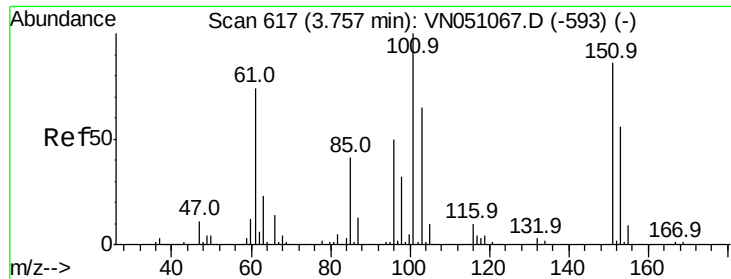


#8

Diethyl Ether
 Concen: 43.979 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion: 74 Resp: 173640
 Ion Ratio Lower Upper
 74 100
 45 91.3 46.7 140.0

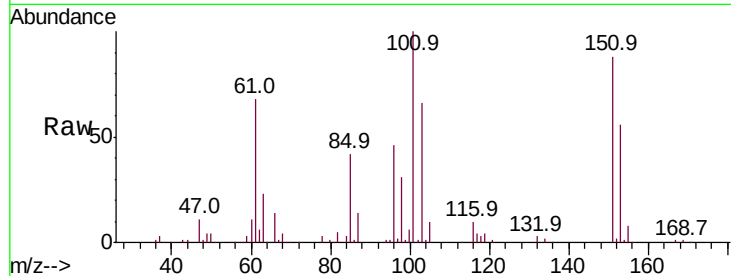




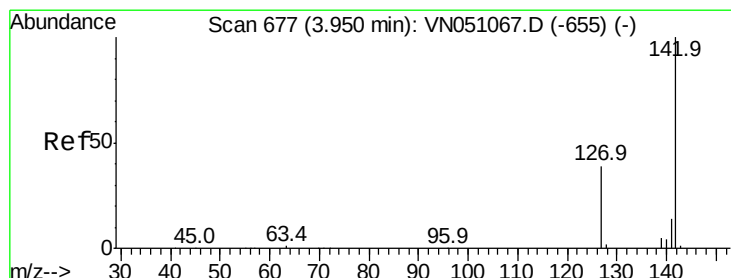
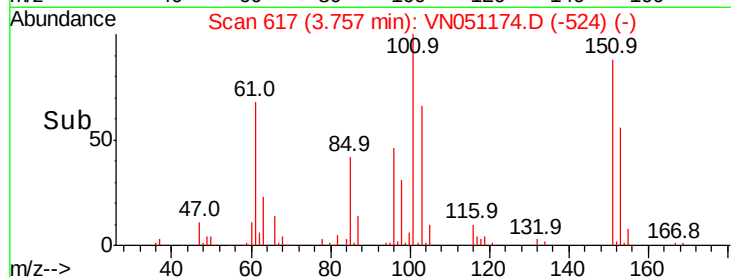
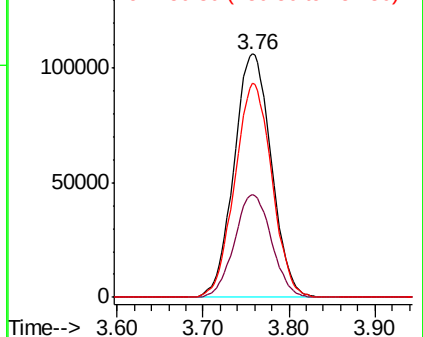
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.206 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	101	Resp:	319765
Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.3	49.9
151	87.5	68.2	102.2

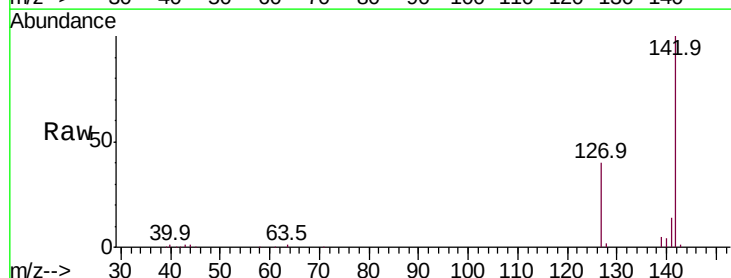


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

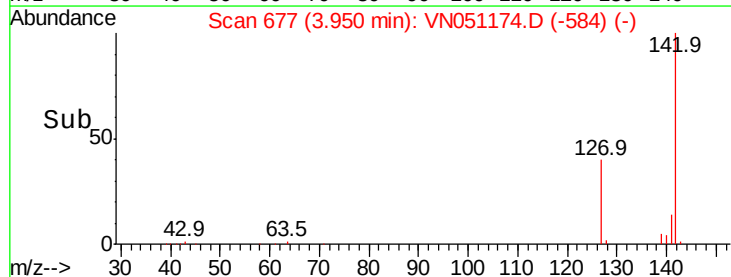
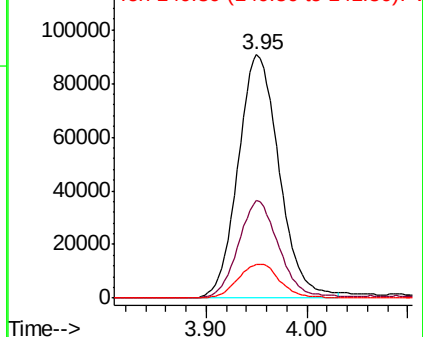


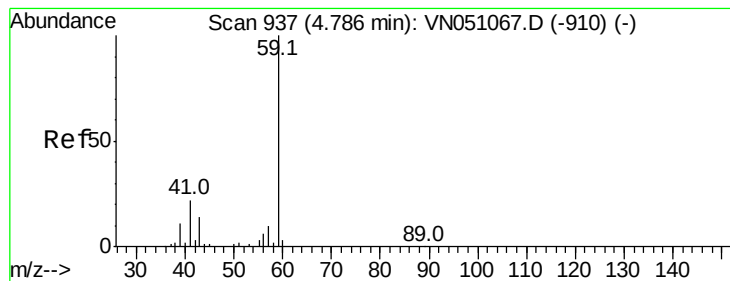
#10
 Methyl Iodide
 Concen: 40.839 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion:	142	Resp:	256771
Ion	Ratio	Lower	Upper
142	100		
127	39.5	31.0	46.4
141	14.3	11.3	16.9



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



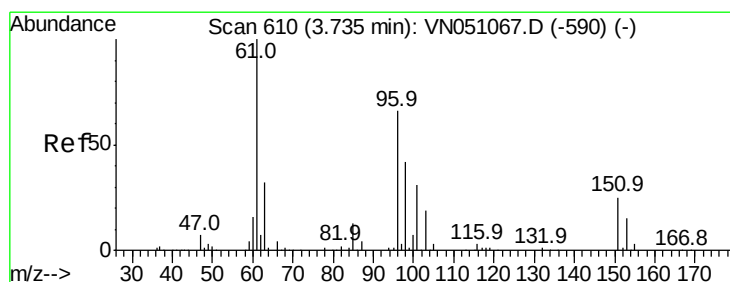
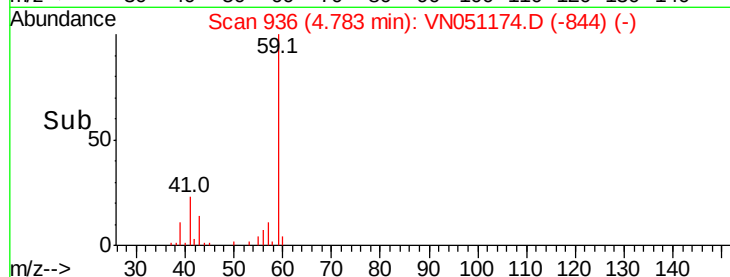
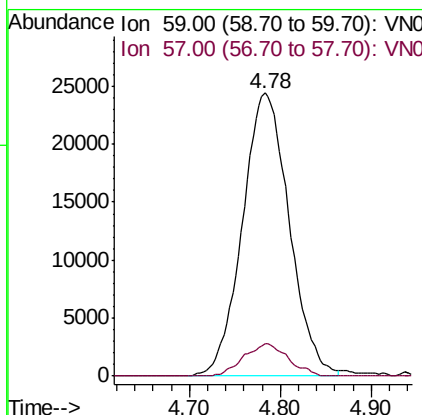
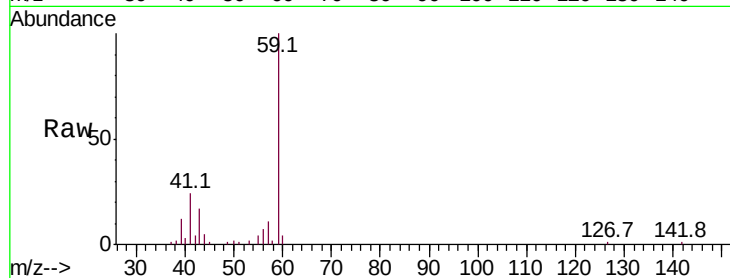


#11

Tert butyl alcohol
 Concen: 167.884 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

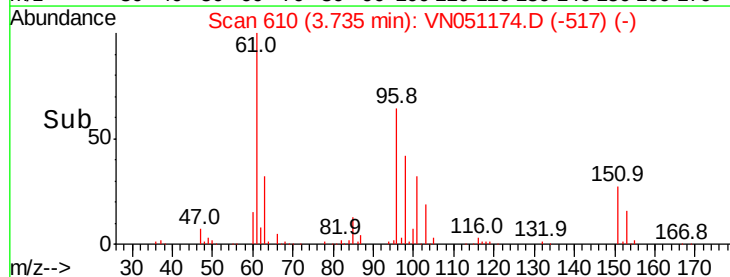
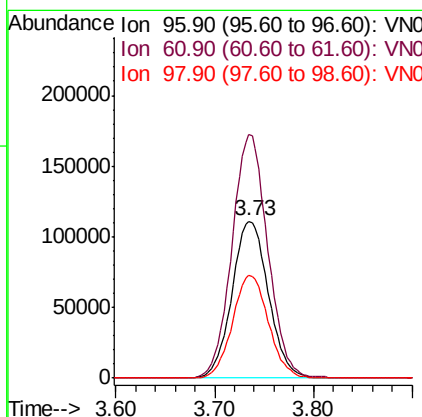
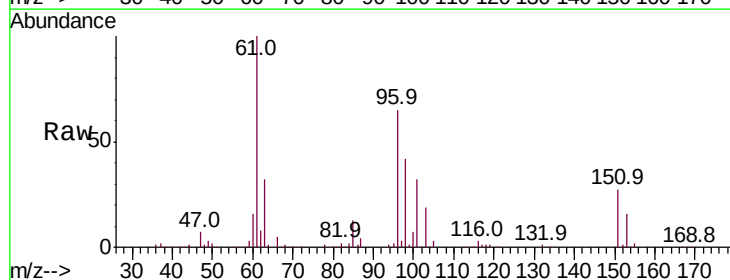
Tot Ion: 59 Resp: 87341
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.1 12.1

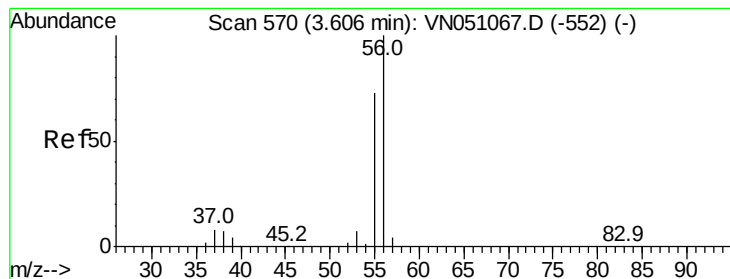


#12

1,1-Dichloroethene
 Concen: 43.584 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion: 96 Resp: 284544
 Ion Ratio Lower Upper
 96 100
 61 154.8 120.3 180.5
 98 65.2 50.8 76.2





#13

Acrolein

Concen: 143.624 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

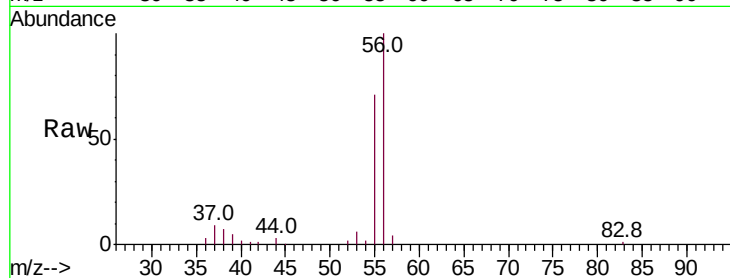
VSTDCCC050

Tot Ion: 56 Resp: 83936

Ion Ratio Lower Upper

56 100

55 70.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN051067.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN051067.D (-552) (-)

3.61

30000

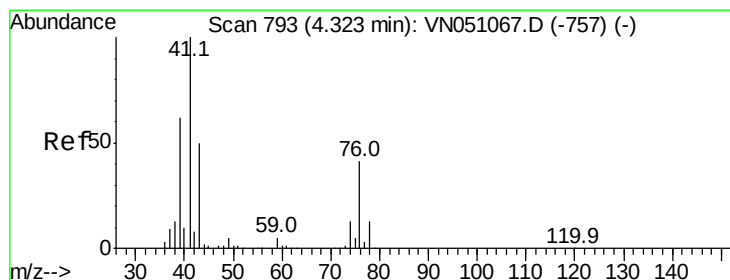
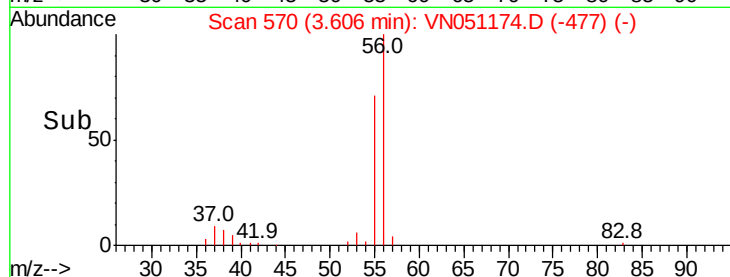
20000

10000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 44.865 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

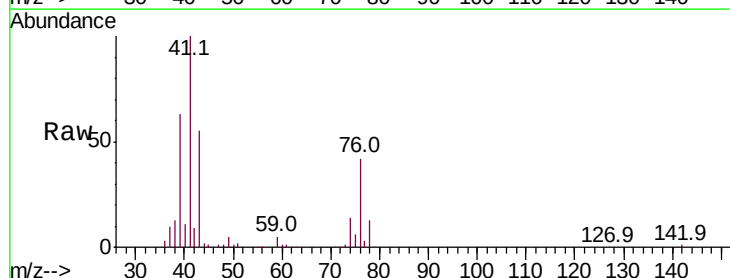
Tgt Ion: 41 Resp: 446266

Ion Ratio Lower Upper

41 100

39 61.1 48.8 73.2

76 38.9 30.6 45.8



Abundance Ion 41.00 (40.70 to 41.70): VN051067.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN051067.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN051067.D (-757) (-)

4.32

200000

150000

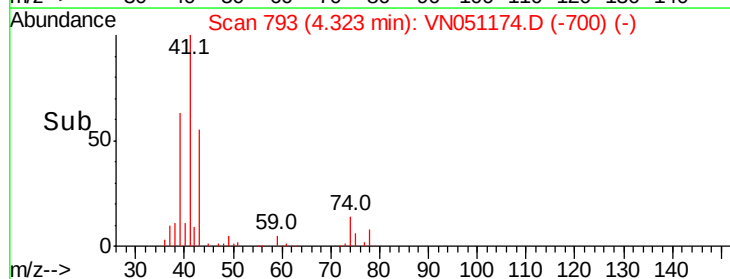
100000

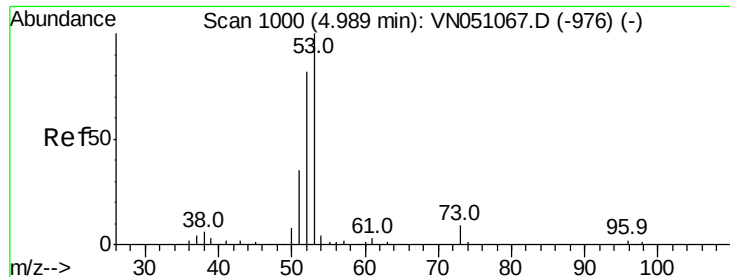
50000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 209.304 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

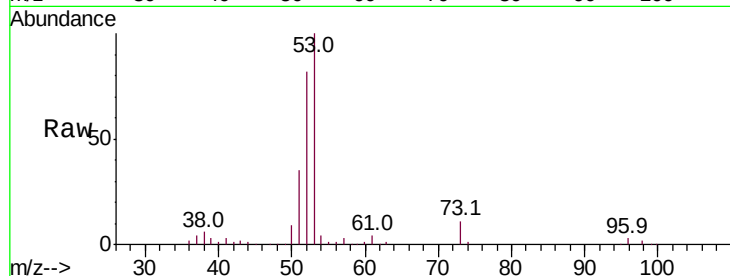
Tot Ion: 53 Resp: 482500

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

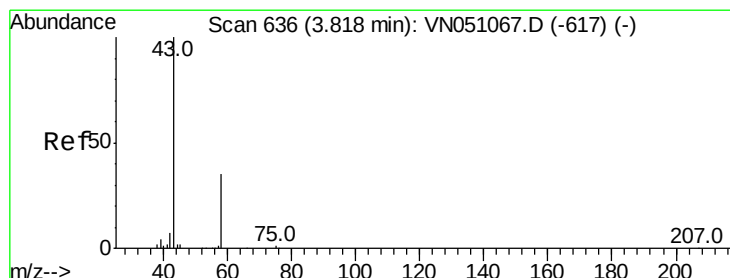
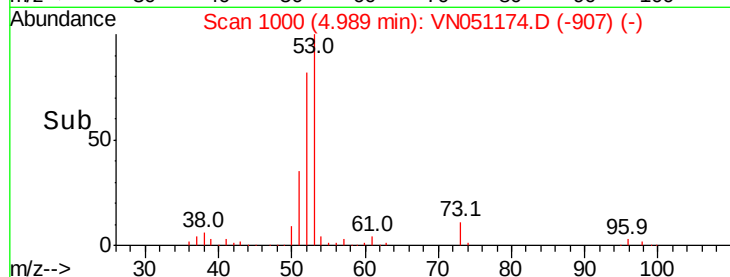
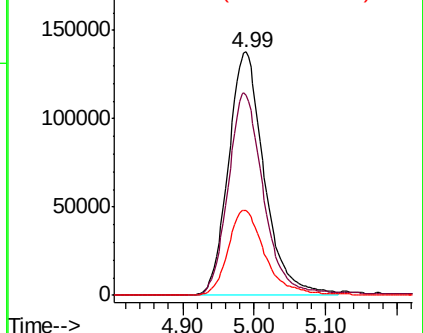
51 36.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 231.052 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN051174.D

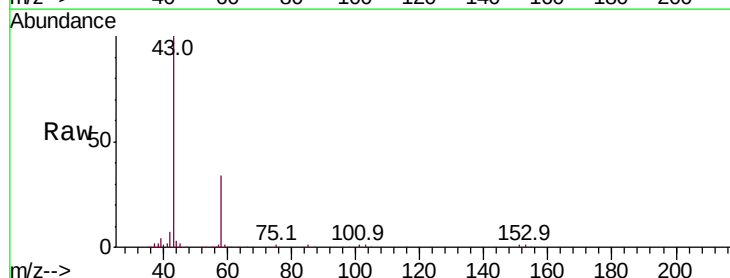
Acq: 14 Sep 2018 8:23

Tgt Ion: 43 Resp: 389860

Ion Ratio Lower Upper

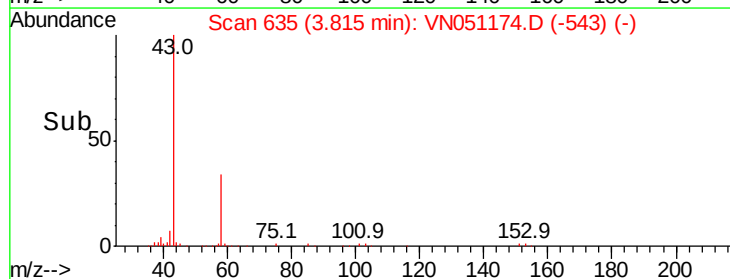
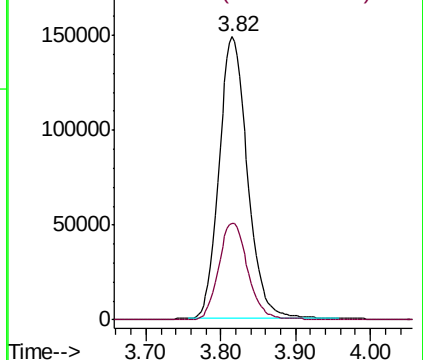
43 100

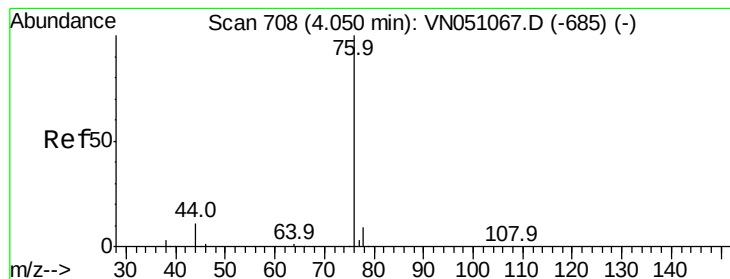
58 34.3 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 42.454 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

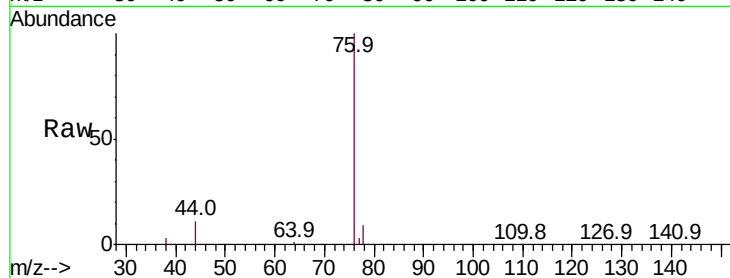
VSTDCCC050

Tot Ion: 76 Resp: 816541

Ion Ratio Lower Upper

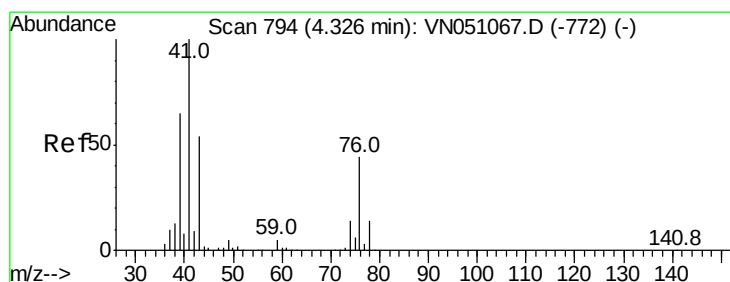
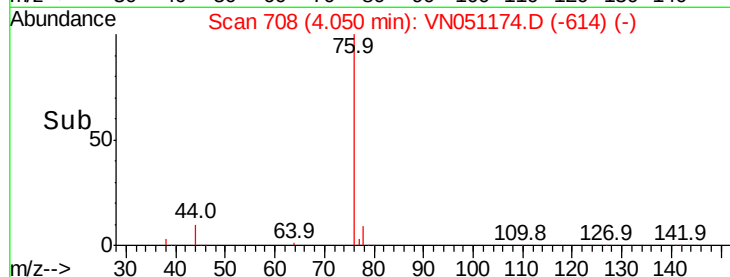
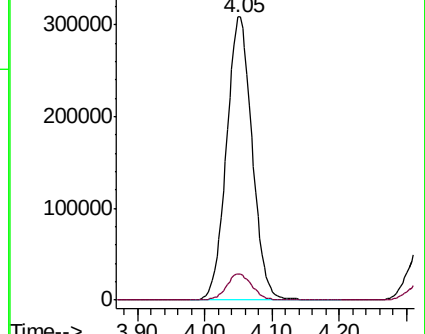
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 42.640 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051174.D

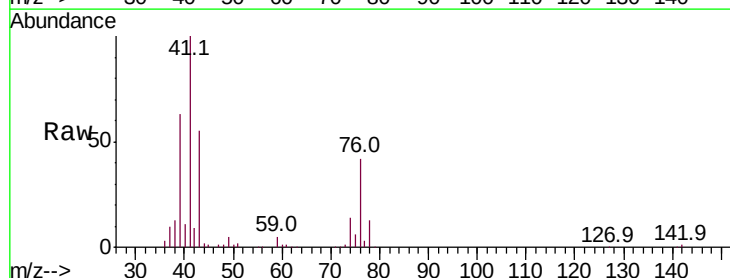
Acq: 14 Sep 2018 8:23

Tgt Ion: 43 Resp: 232575

Ion Ratio Lower Upper

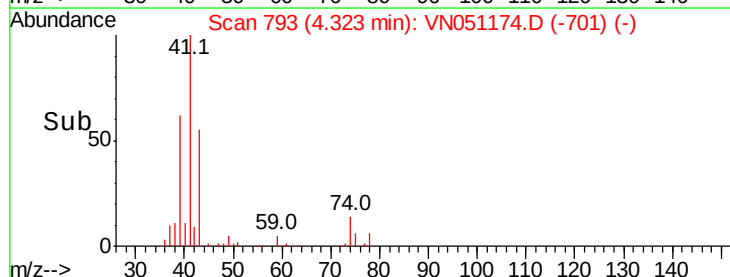
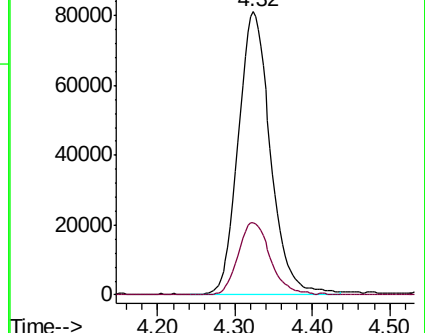
43 100

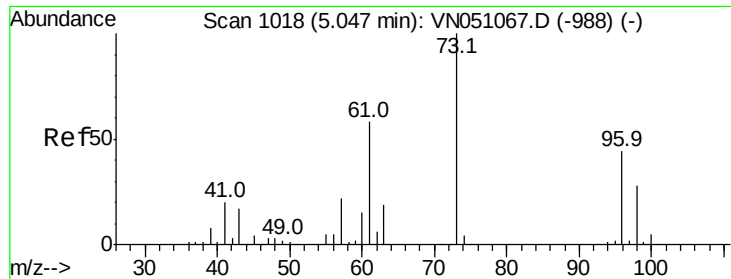
74 25.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

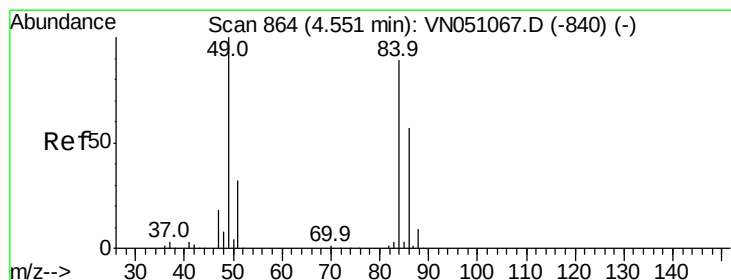
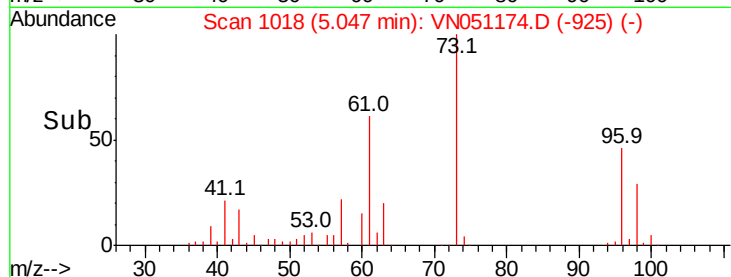
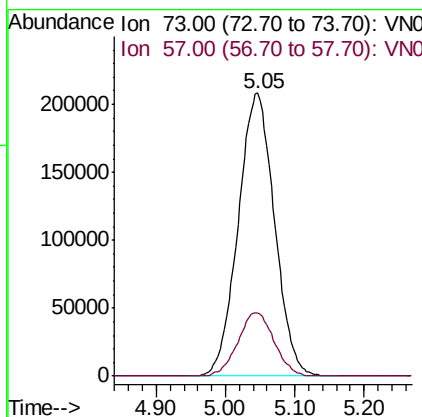
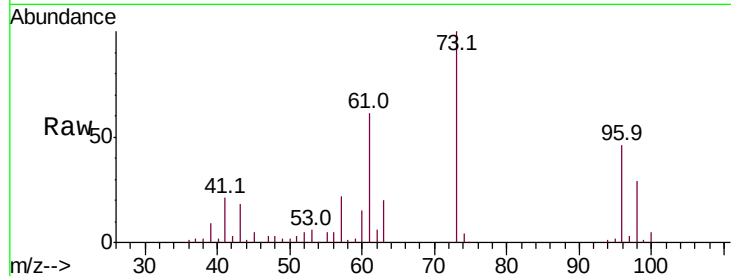




#19
Methvl tert-butvl Ether
Concen: 43.956 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

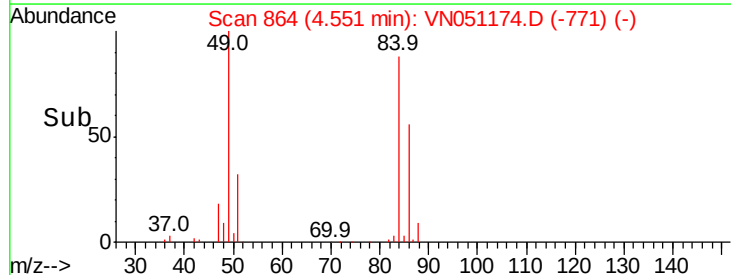
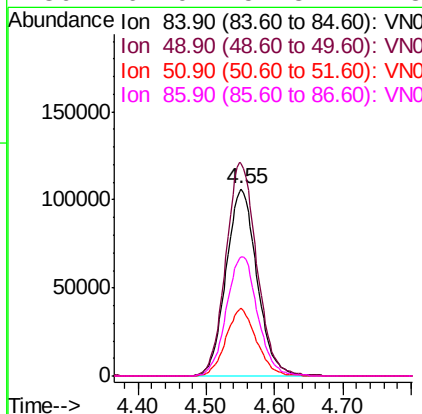
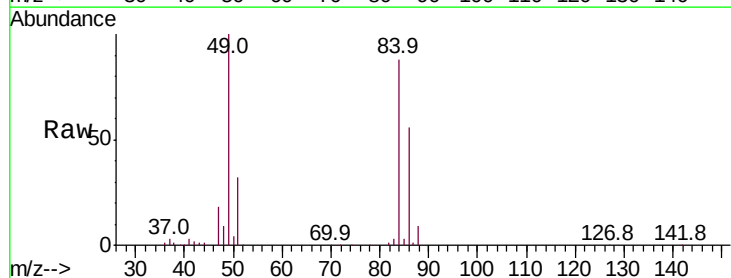
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

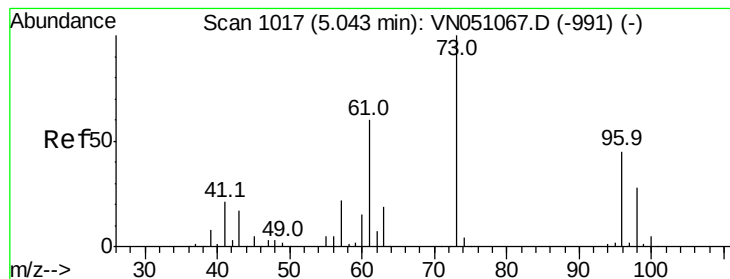
Tot Ion: 73 Resp: 758617
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 44.528 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion: 84 Resp: 335021
Ion Ratio Lower Upper
84 100
49 113.8 90.2 135.2
51 36.2 28.4 42.6
86 64.0 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 44.137 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

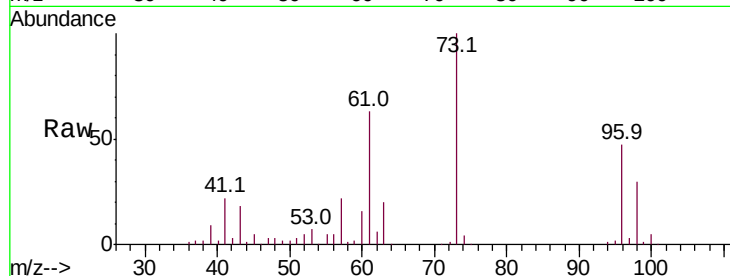
Tot Ion: 96 Resp: 312542

Ion Ratio Lower Upper

96 100

61 135.4 106.5 159.7

98 64.8 50.4 75.6

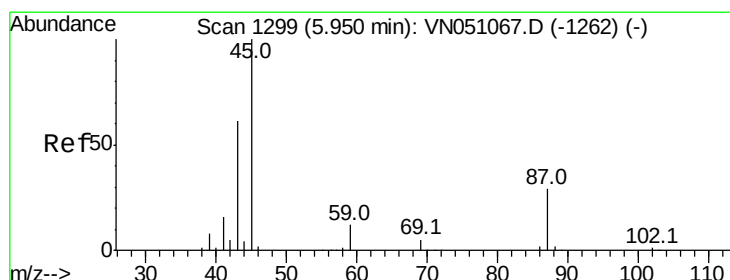
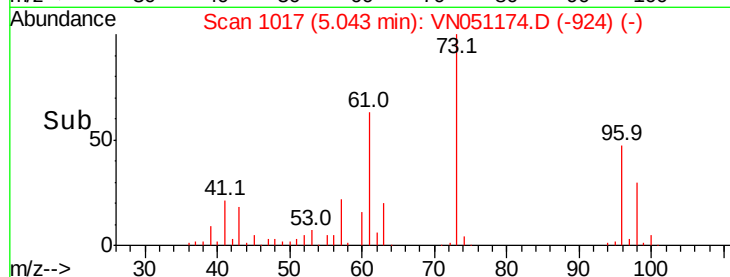
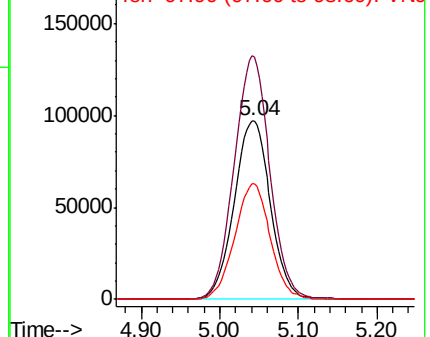


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.594 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Tgt Ion: 45 Resp: 959449

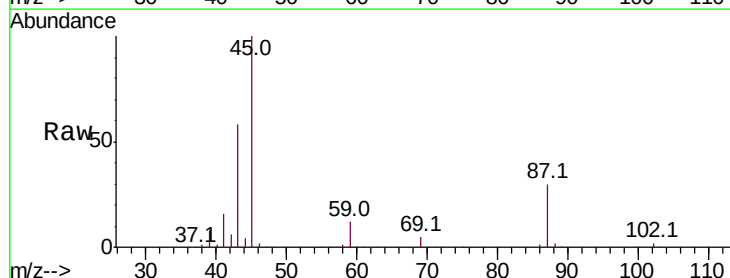
Ion Ratio Lower Upper

45 100

43 57.1 48.8 73.2

87 30.4 23.8 35.8

59 11.9 9.6 14.4



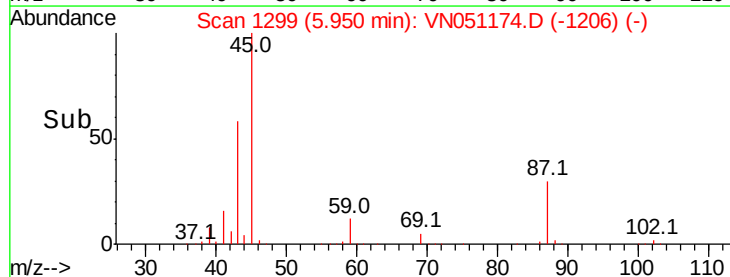
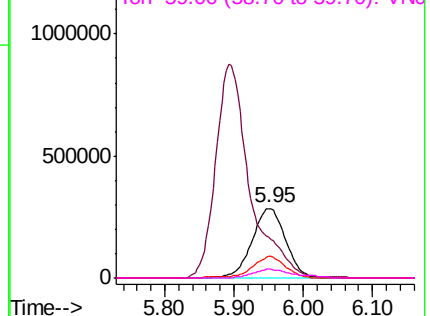
Abundance

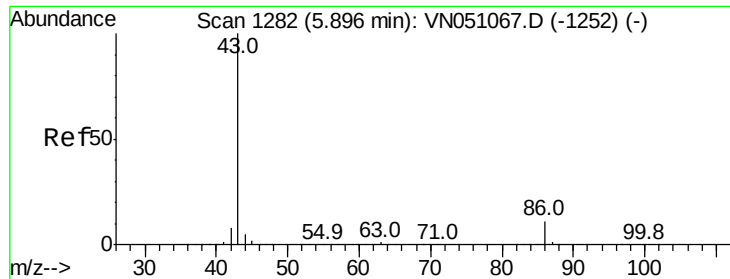
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

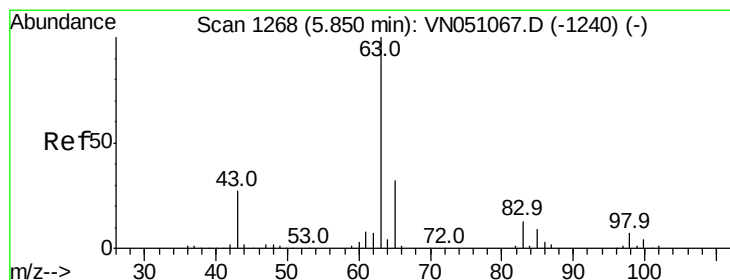
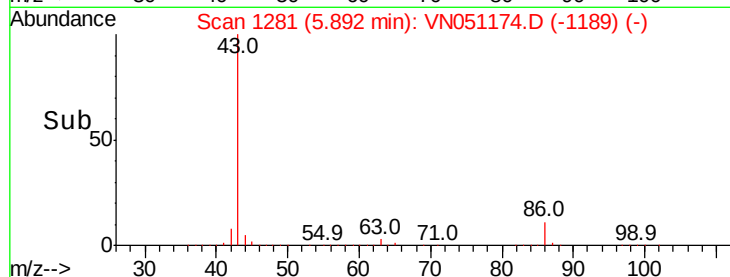
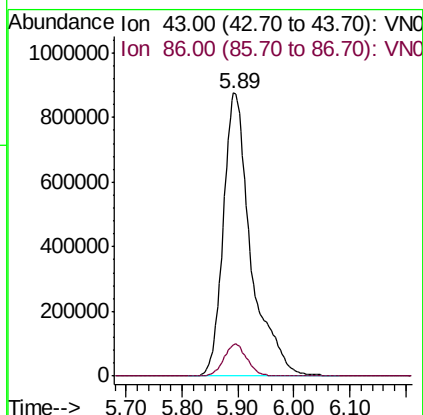
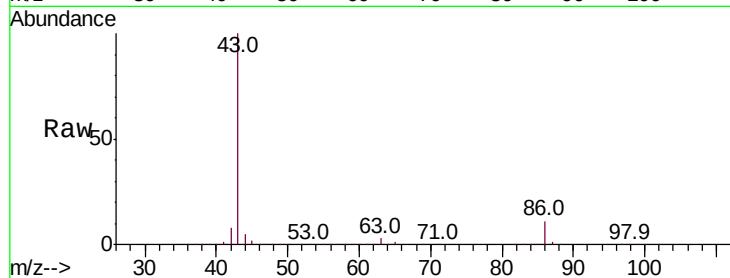




#23
 Vinyl Acetate
 Concen: 225.741 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

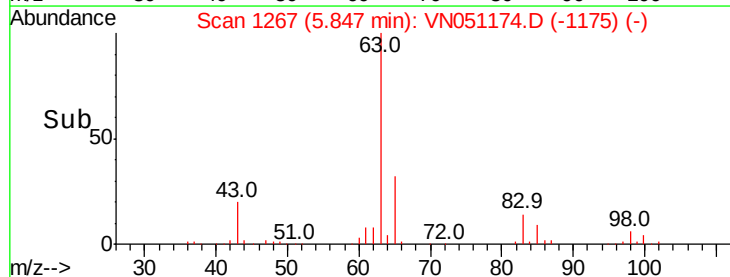
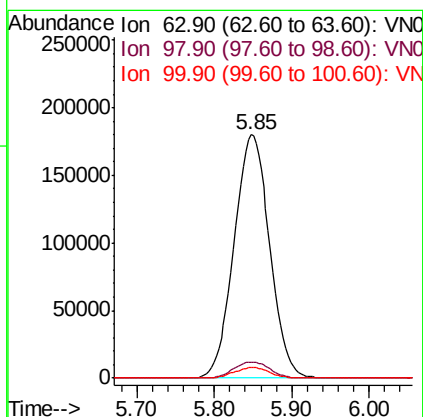
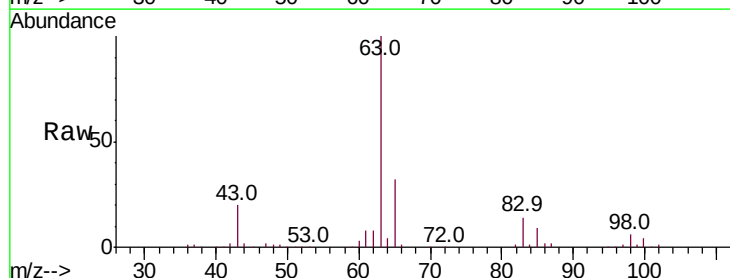
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

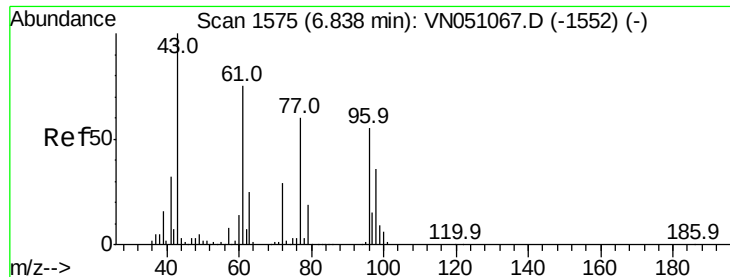
Tot Ion: 43 Resp: 3016275
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 45.869 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion: 63 Resp: 574582
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.5 2.1 6.3

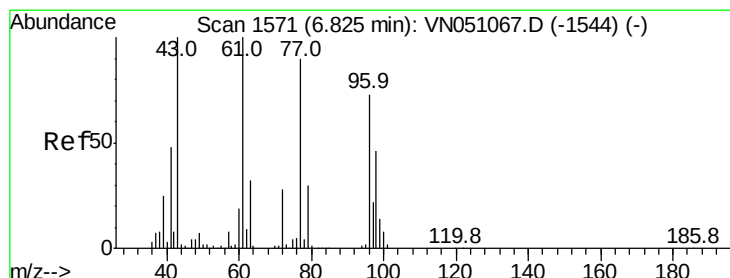
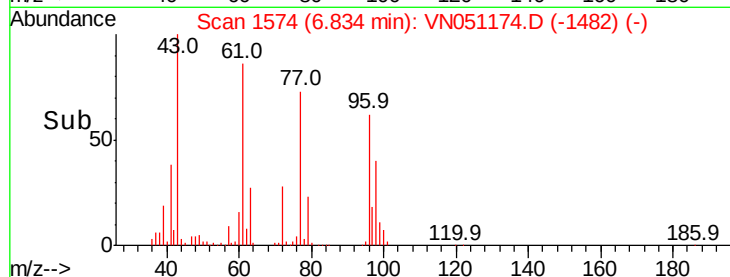
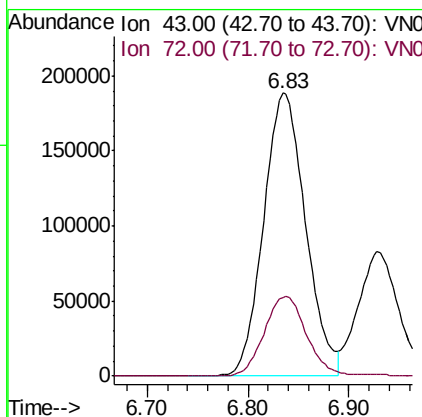
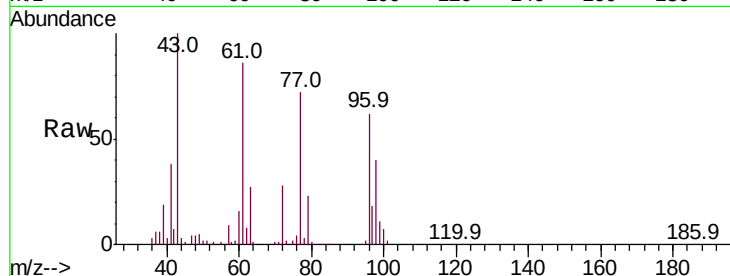




#25
2-Butanone
Concen: 203.309 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

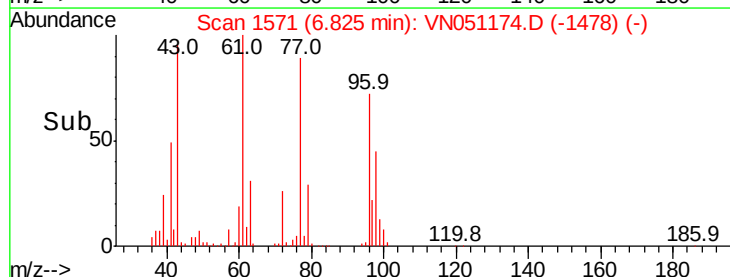
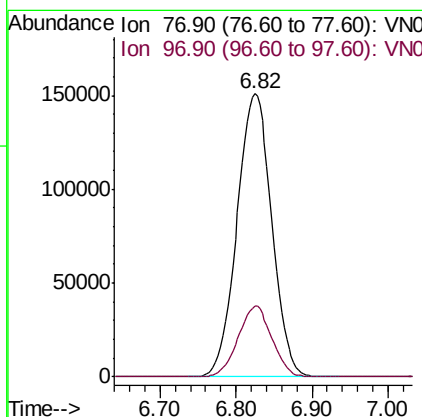
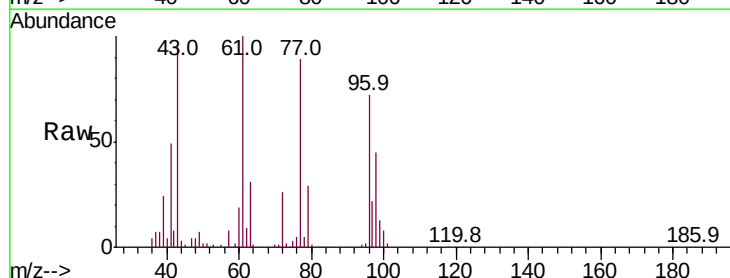
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

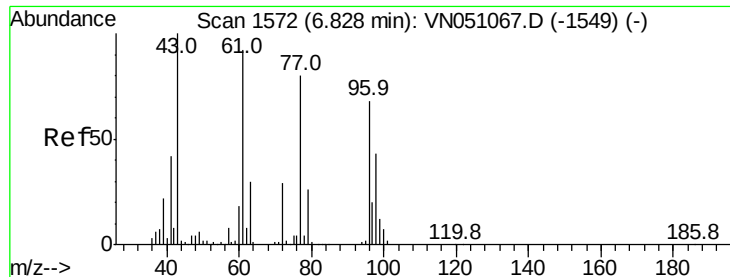
Tot Ion: 43 Resp: 544443
Ion Ratio Lower Upper
43 100
72 27.9 23.0 34.6



#26
2,2-Dichloropropane
Concen: 46.697 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion: 77 Resp: 478790
Ion Ratio Lower Upper
77 100
97 24.3 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 45.495 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

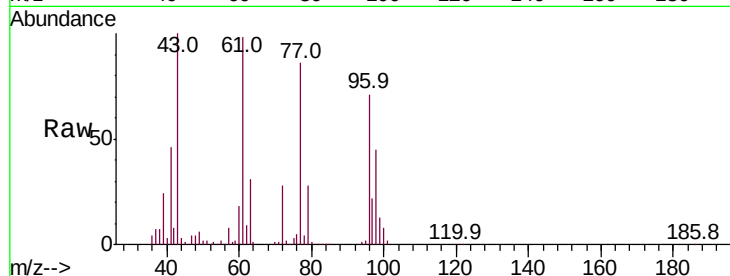
Tot Ion: 96 Resp: 353431

Ion Ratio Lower Upper

96 100

61 140.8 0.0 278.2

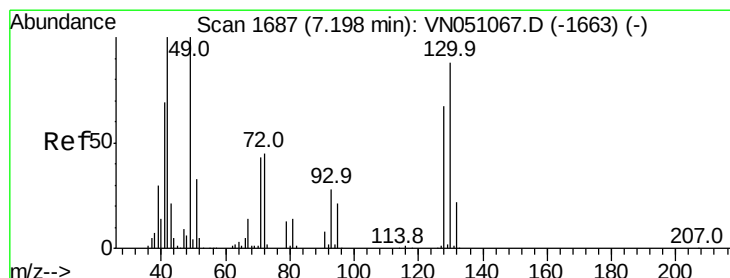
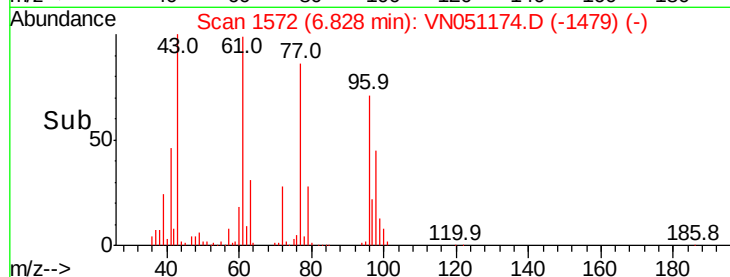
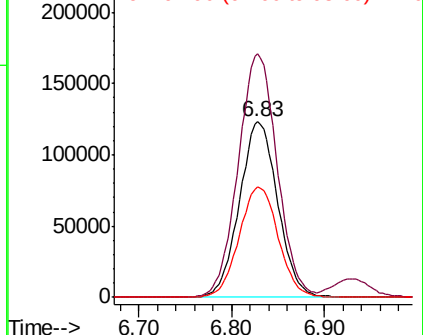
98 64.5 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051067.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051067.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051067.D (-1549) (-)



#28

Bromochloromethane

Concen: 46.469 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

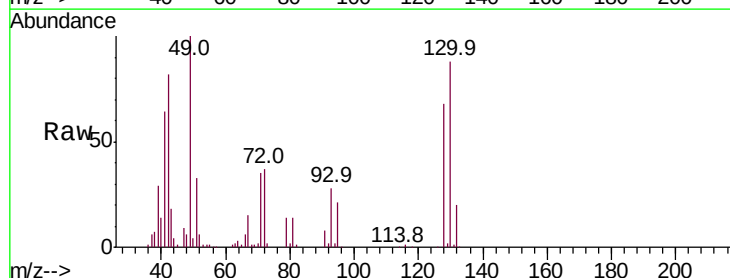
Tgt Ion: 49 Resp: 259095

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

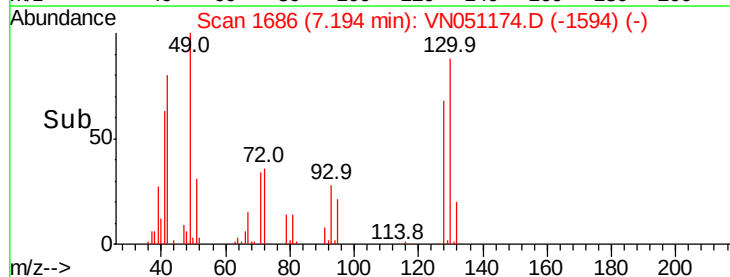
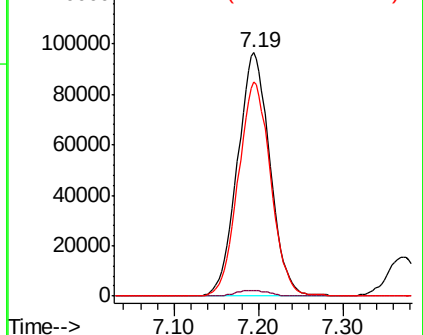
130 87.8 70.7 106.1

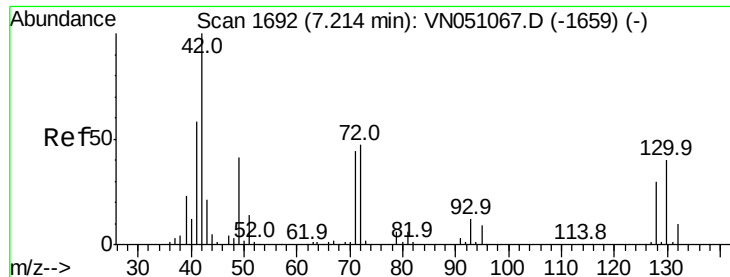


Abundance Ion 48.90 (48.60 to 49.60): VN051067.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN051067.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN051067.D (-1663) (-)

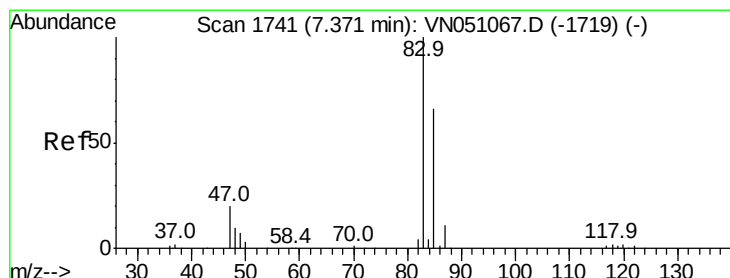
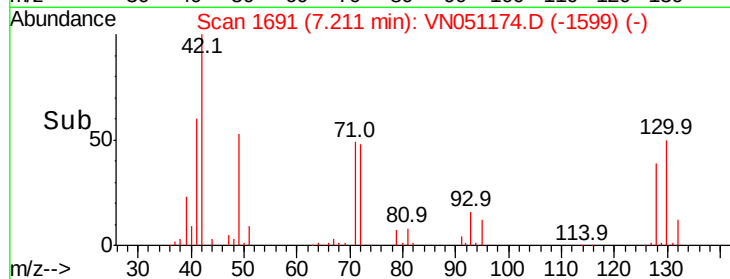
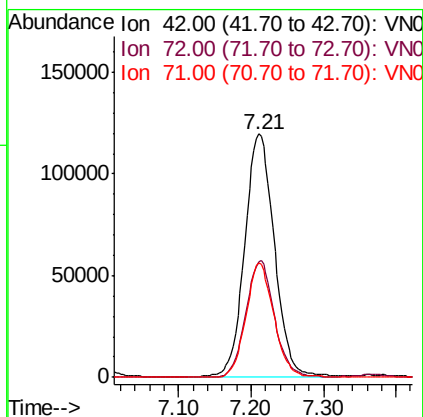
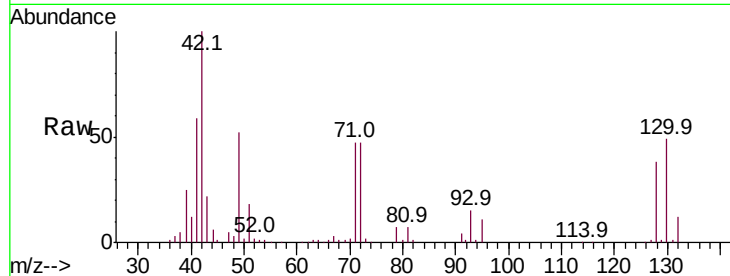




#29
Tetrahydrofuran
Concen: 203.667 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

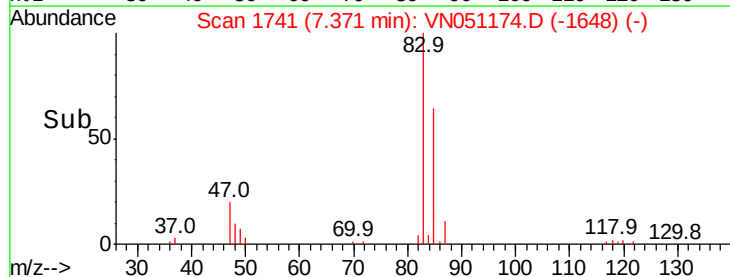
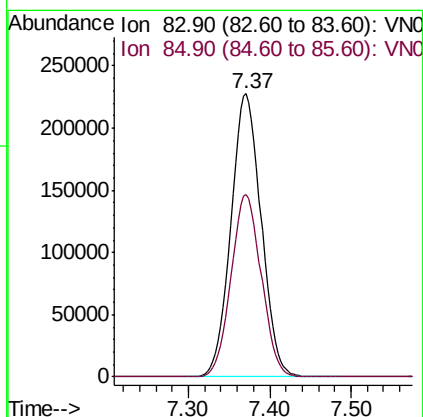
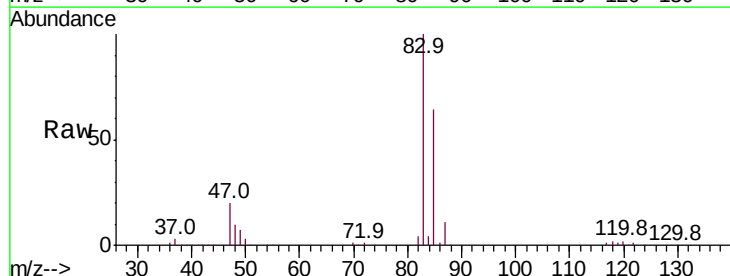
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

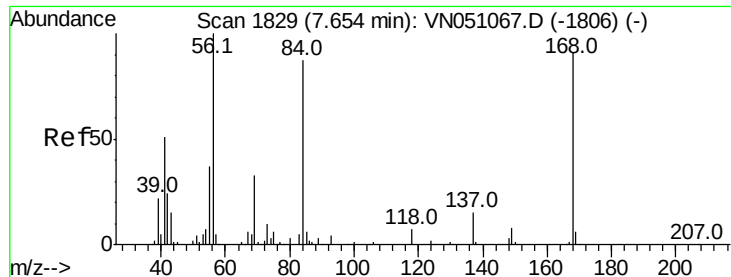
Tot Ion: 42 Resp: 340591
Ion Ratio Lower Upper
42 100
72 46.6 37.4 56.0
71 44.3 34.7 52.1



#30
Chloroform
Concen: 47.304 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion: 83 Resp: 589499
Ion Ratio Lower Upper
83 100
85 64.4 52.6 79.0





#31

Cyclohexane

Concen: 45.046 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

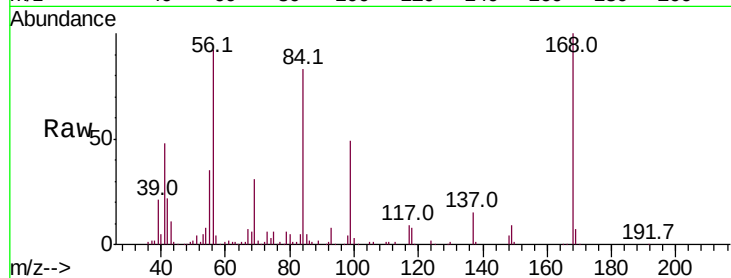
Tot Ion: 56 Resp: 503405

Ion Ratio Lower Upper

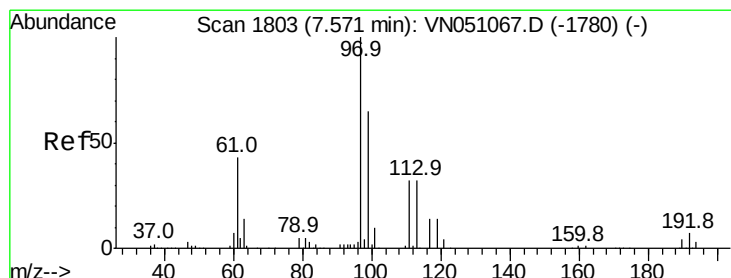
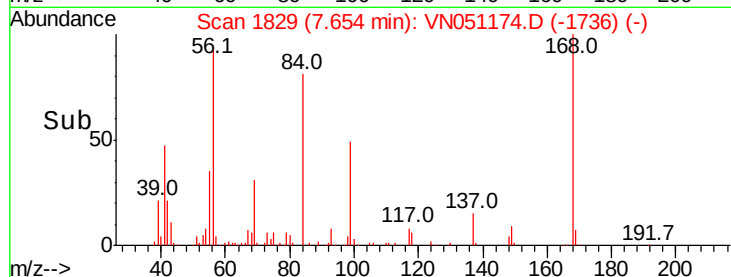
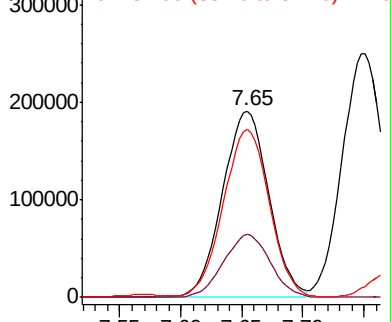
56 100

69 33.7 26.3 39.5

84 88.9 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 47.240 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

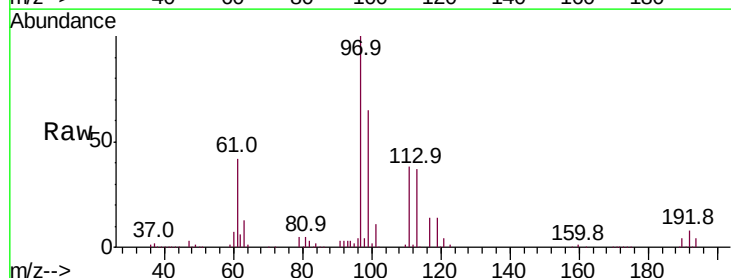
Tgt Ion: 97 Resp: 501624

Ion Ratio Lower Upper

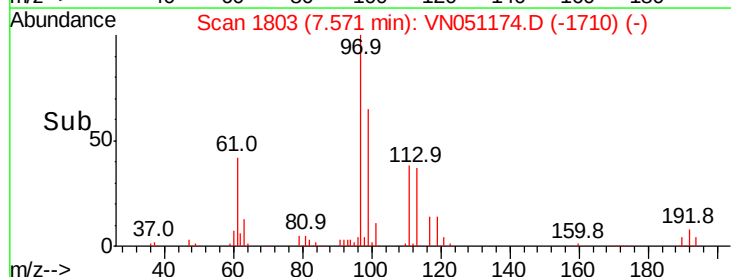
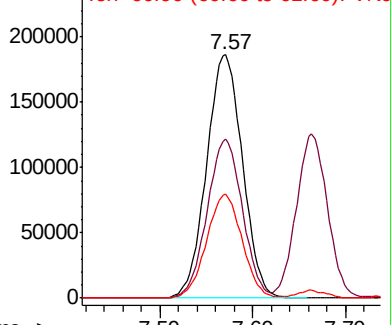
97 100

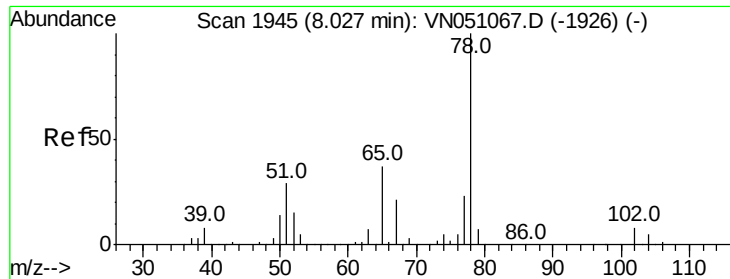
99 64.2 51.6 77.4

61 42.1 33.8 50.6



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

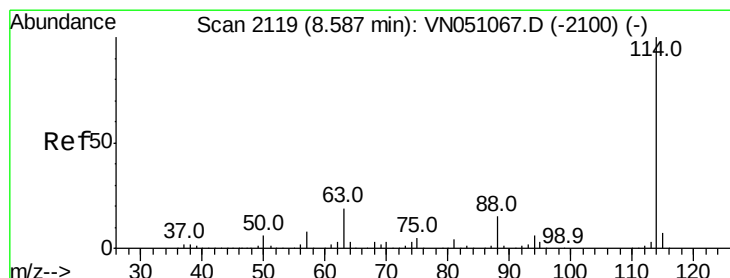
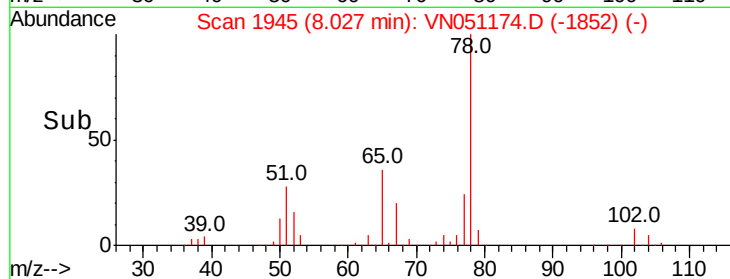
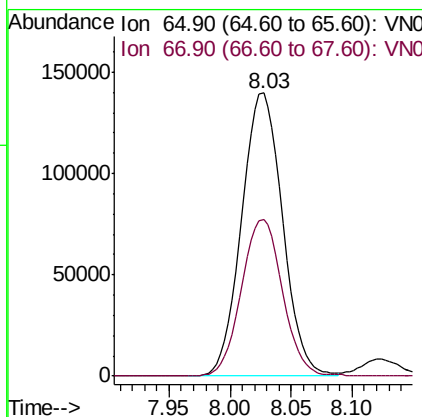
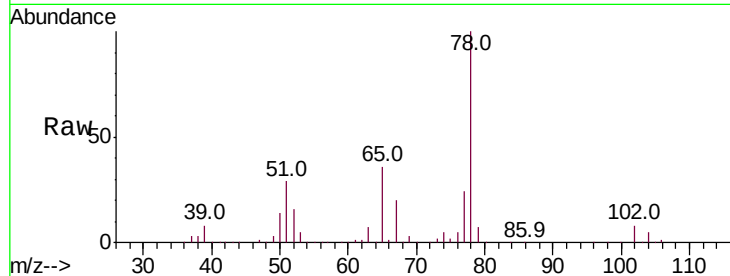




#33
 1,2-Dichloroethane-d4
 Concen: 47.684 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

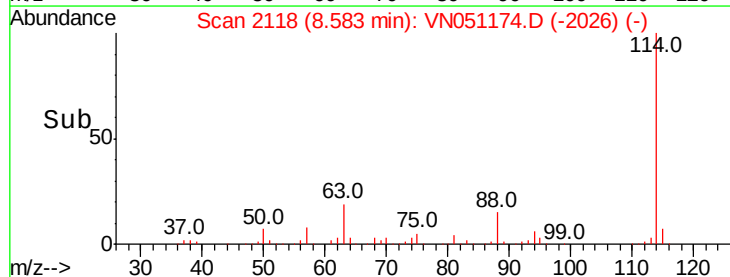
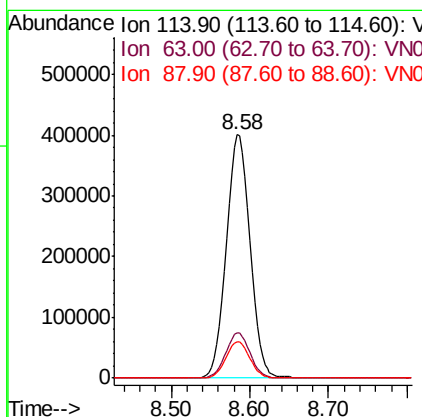
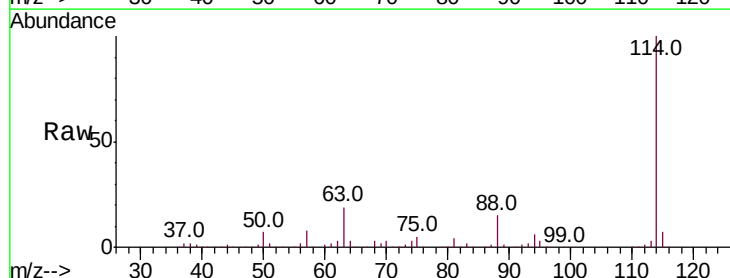
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

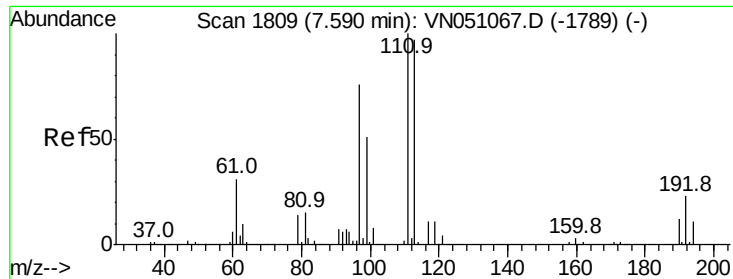
Tot Ion: 65 Resp: 324782
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion: 114 Resp: 834750
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 15.1 0.0 30.8

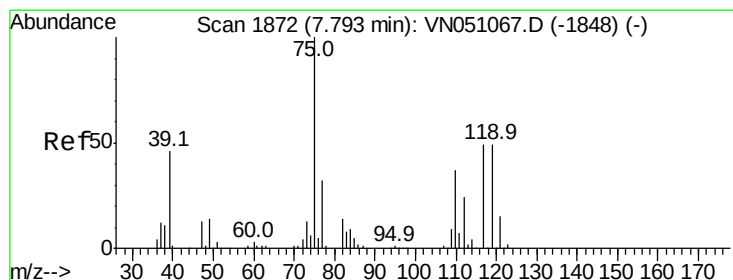
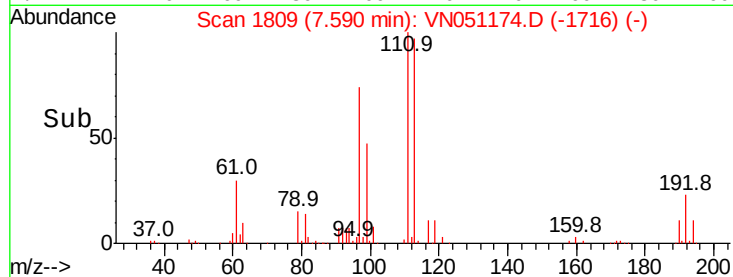
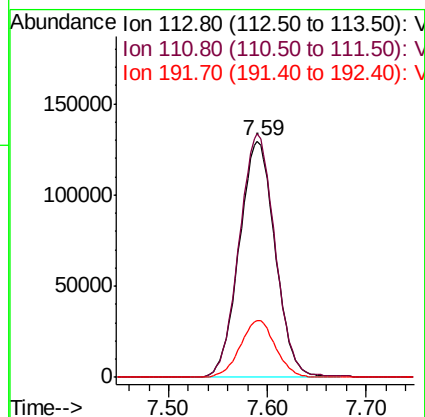
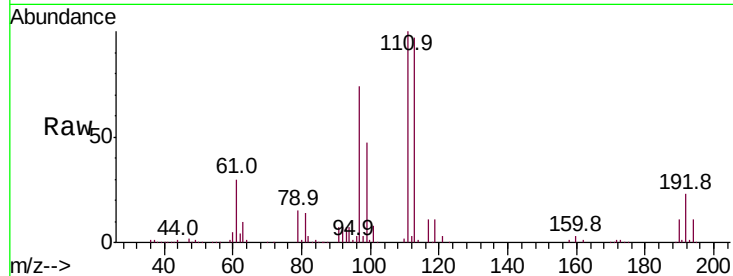




#35
 Dibromofluoromethane
 Concen: 52.094 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

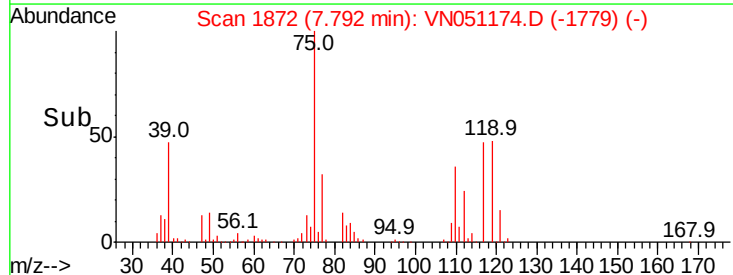
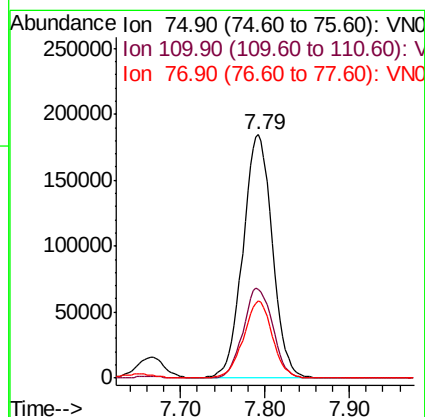
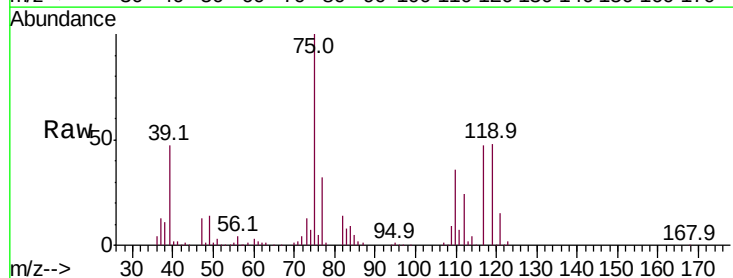
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

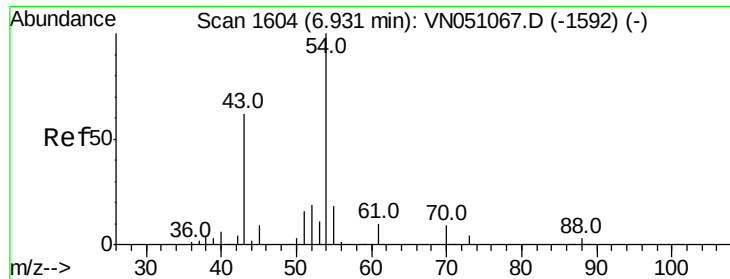
Tot Ion:113 Resp: 326756
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.6
 192 23.6 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 48.679 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion: 75 Resp: 446131
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.6 55.8
 77 31.3 25.2 37.8

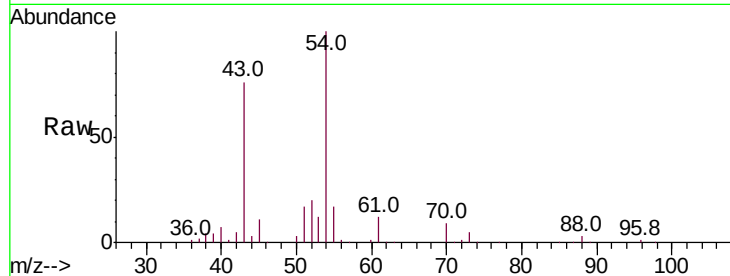




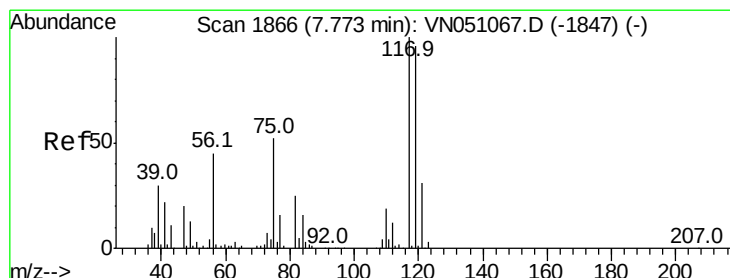
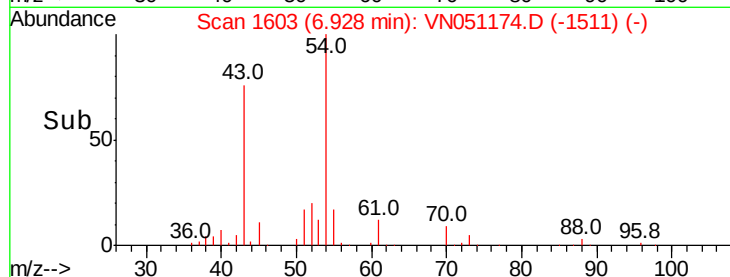
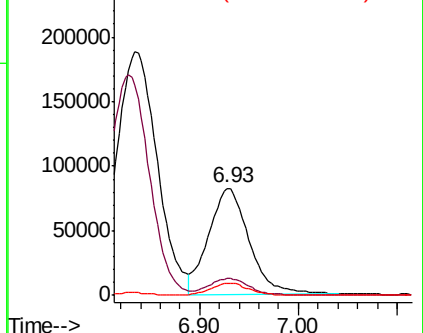
#37
Ethyl Acetate
Concen: 44.122 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 234192
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 11.3 9.3 13.9

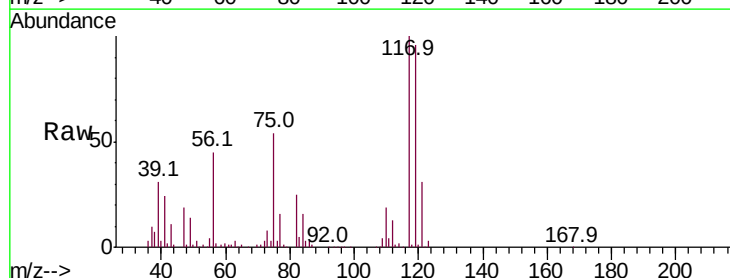


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

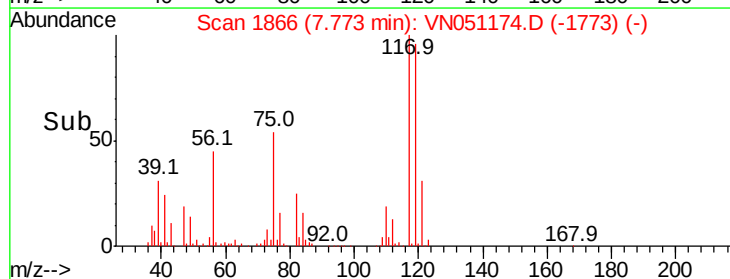
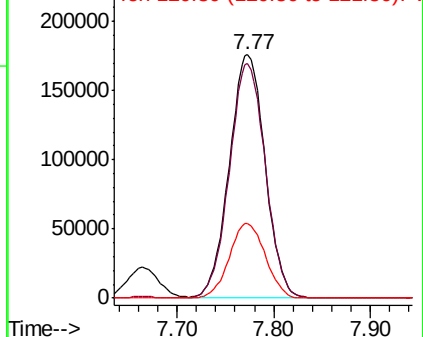


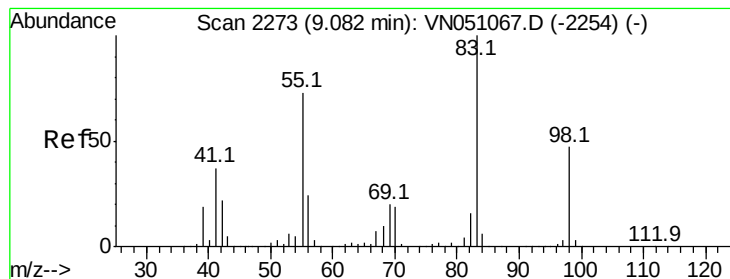
#38
Carbon Tetrachloride
Concen: 50.141 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion: 117 Resp: 452277
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
121 30.7 24.6 36.8



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





#39

Methylvlcyclohexane

Concen: 49.547 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

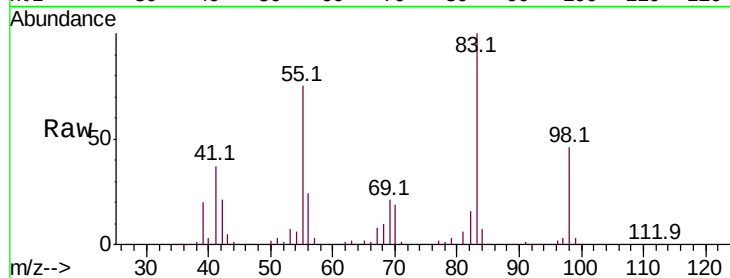
Tot Ion: 83 Resp: 501005

Ion Ratio Lower Upper

83 100

55 74.6 58.4 87.6

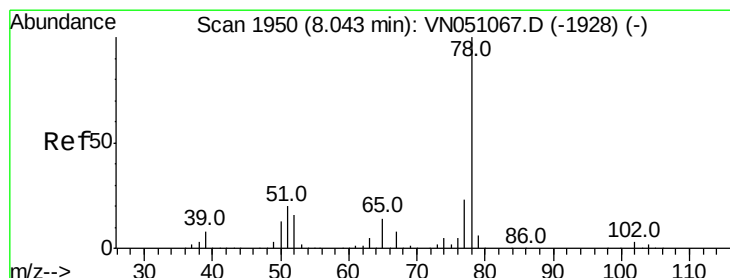
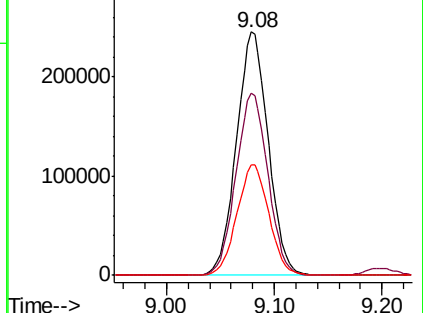
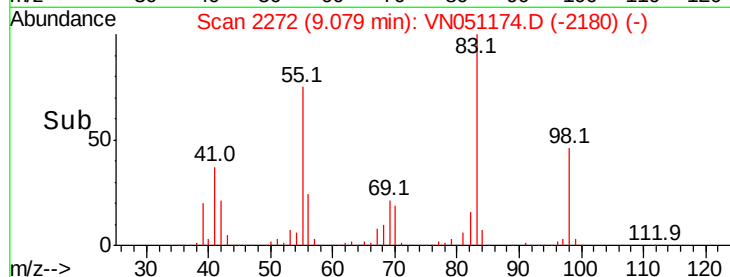
98 45.6 37.3 55.9



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: 48.889 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN051174.D

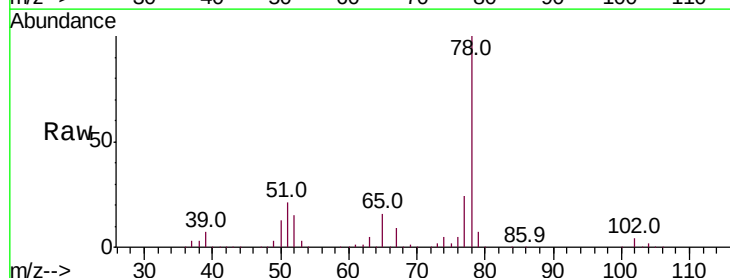
Acq: 14 Sep 2018 8:23

Tgt Ion: 78 Resp: 1350150

Ion Ratio Lower Upper

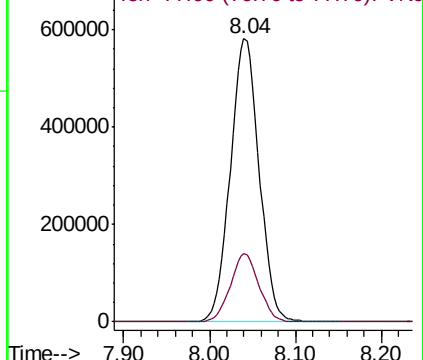
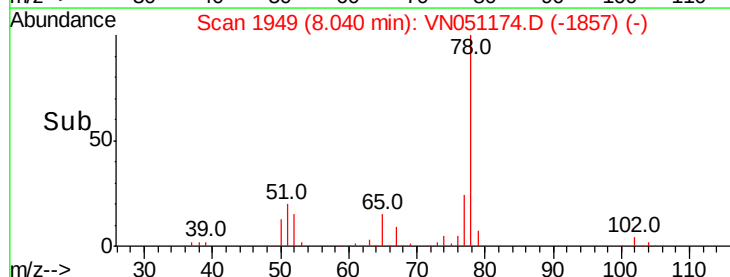
78 100

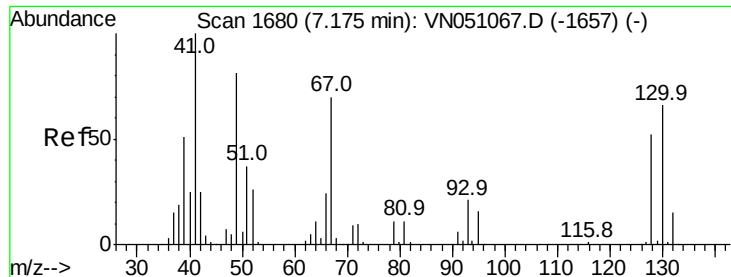
77 24.0 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

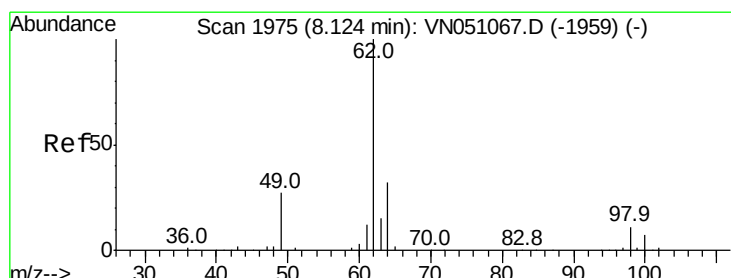
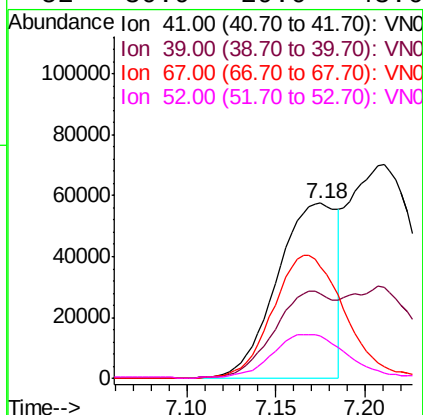
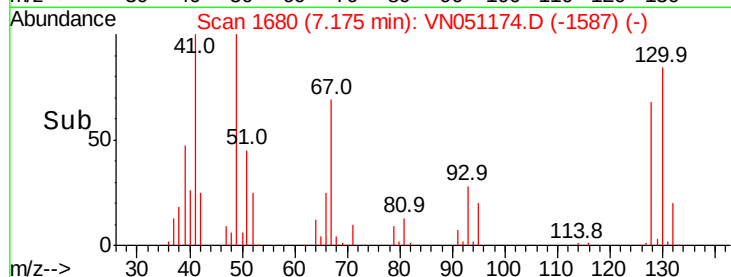
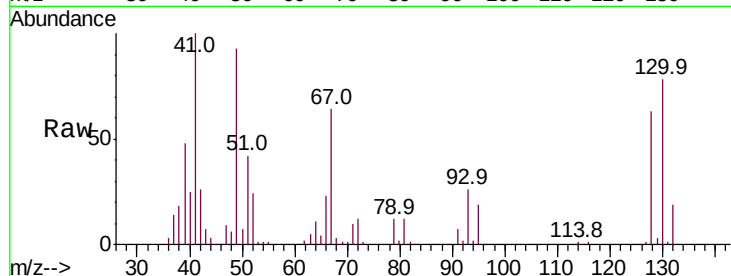




#41
Methacrylonitrile
Concen: 48.965 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

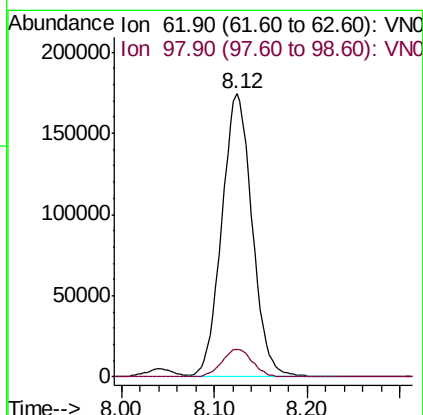
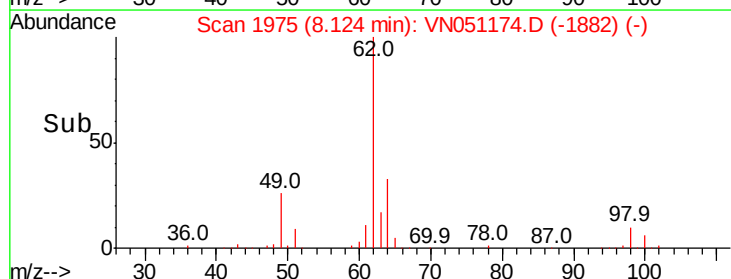
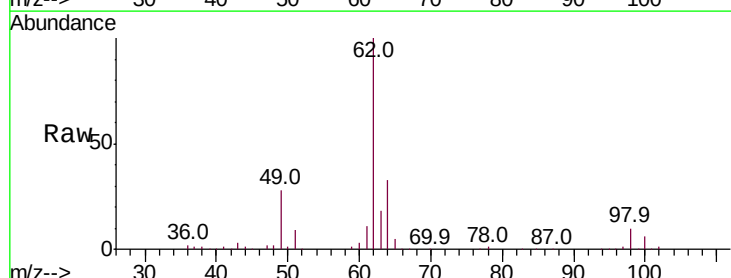
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

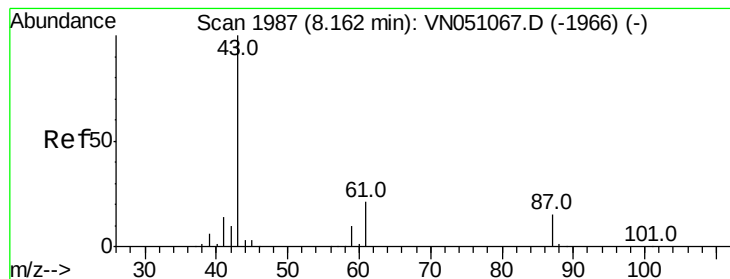
Tot Ion:	41	Resp:	134095
Ion	Ratio	Lower	Upper
41	100		
39	46.0	51.3	76.9#
67	84.6	78.5	117.7
52	30.9	29.0	43.6



#42
1,2-Dichloroethane
Concen: 48.999 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion:	62	Resp:	394426
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.0





#43

Isopropyl Acetate

Concen: 44.758 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

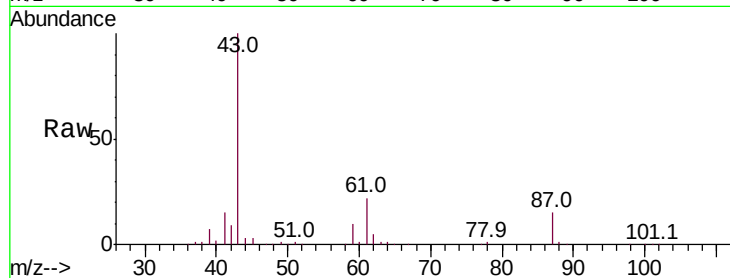
Tot Ion: 43 Resp: 419185

Ion Ratio Lower Upper

43 100

61 31.6 25.0 37.6

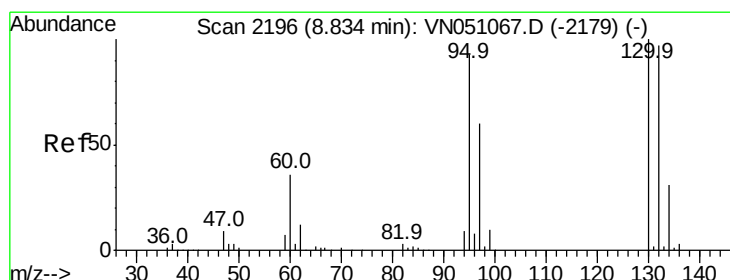
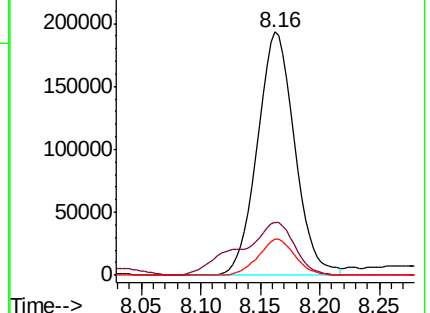
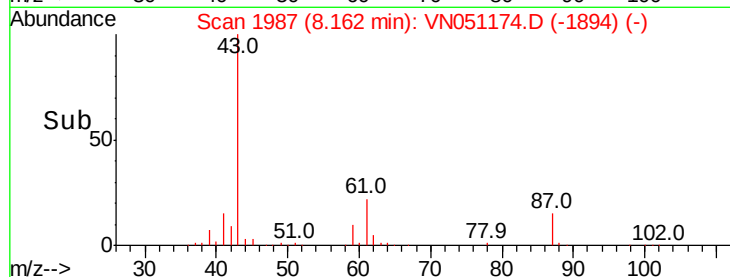
87 14.6 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051174.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN051174.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN051174.D (-1894) (-)



#44

Trichloroethene

Concen: 48.226 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051174.D

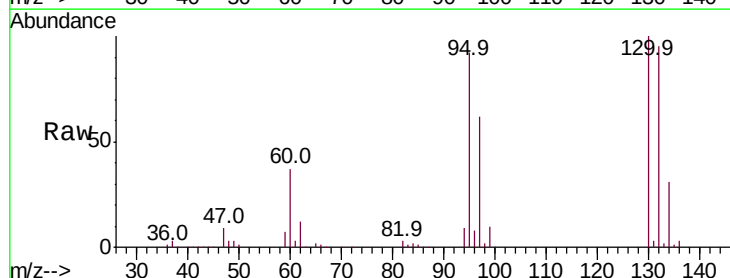
Acq: 14 Sep 2018 8:23

Tgt Ion:130 Resp: 364288

Ion Ratio Lower Upper

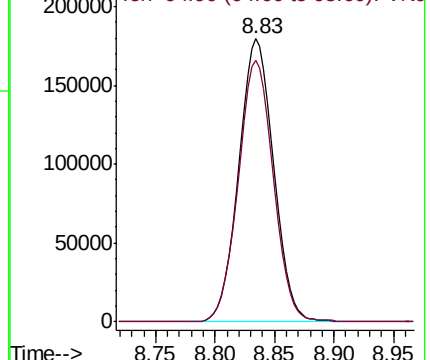
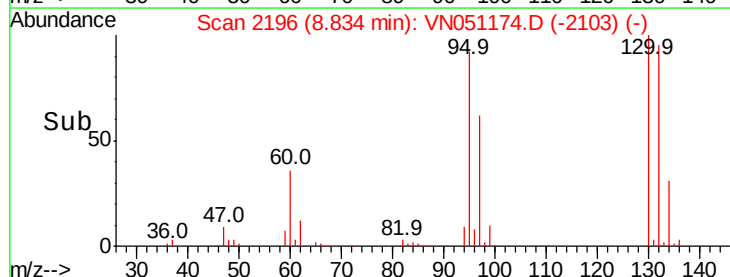
130 100

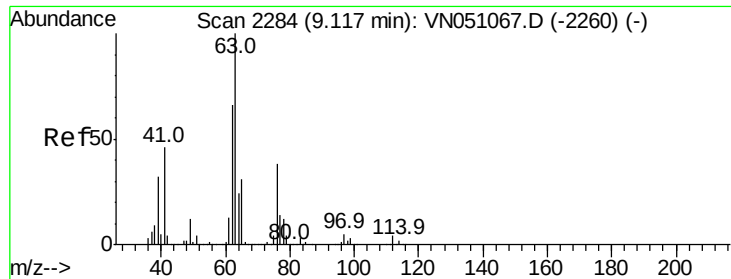
95 92.4 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051174.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN051174.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 49.829 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

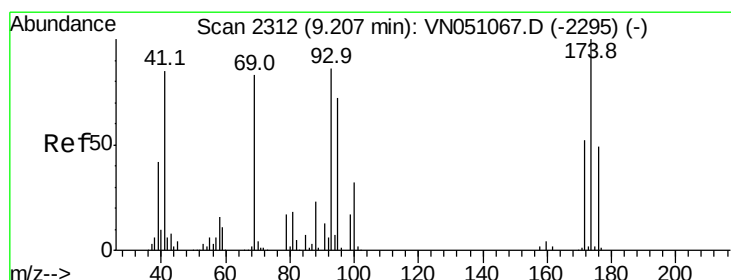
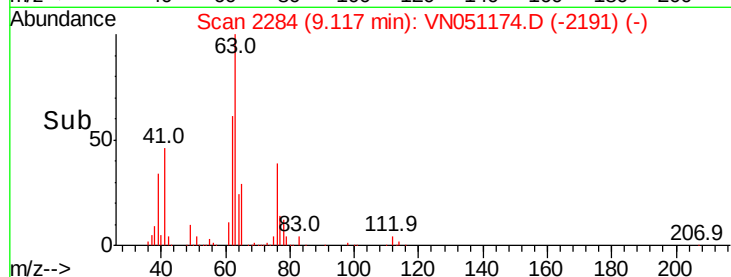
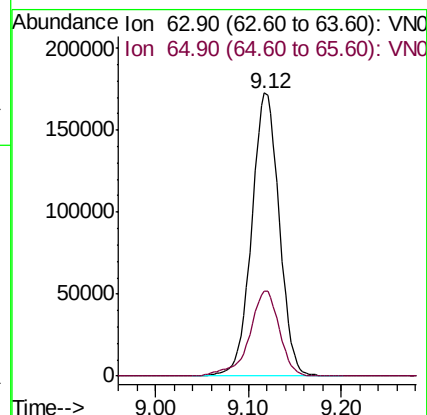
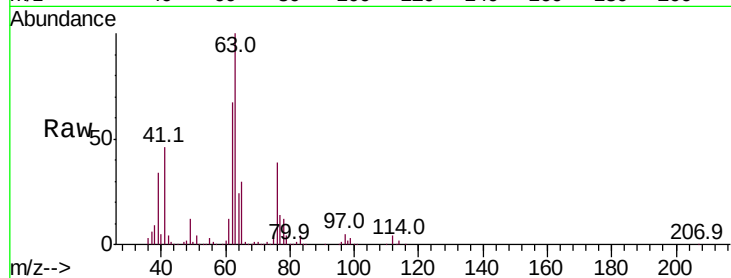
VSTDCCC050

Tot Ion: 63 Resp: 355580

Ion Ratio Lower Upper

63 100

65 30.0 24.7 37.1



#46

Dibromomethane

Concen: 46.444 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

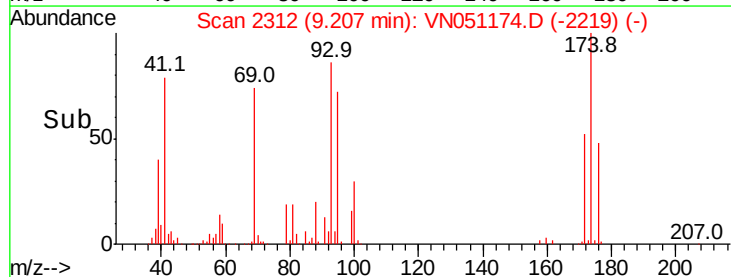
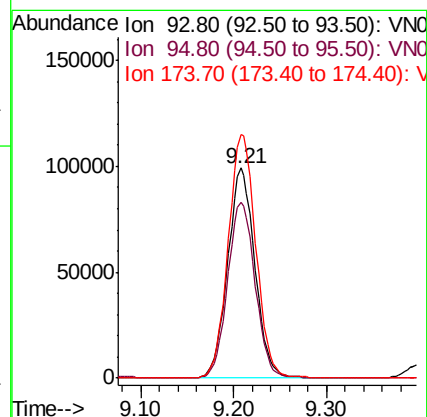
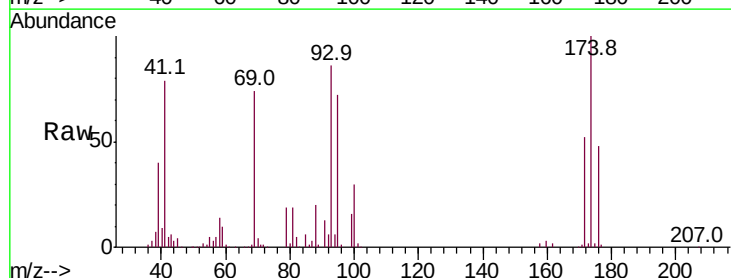
Tgt Ion: 93 Resp: 202217

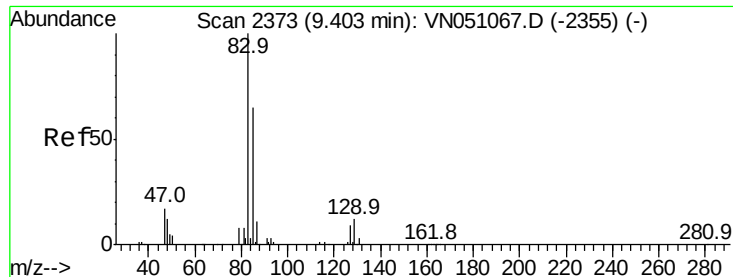
Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 117.7 93.3 139.9





#47

Bromodichloromethane

Concen: 50.318 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

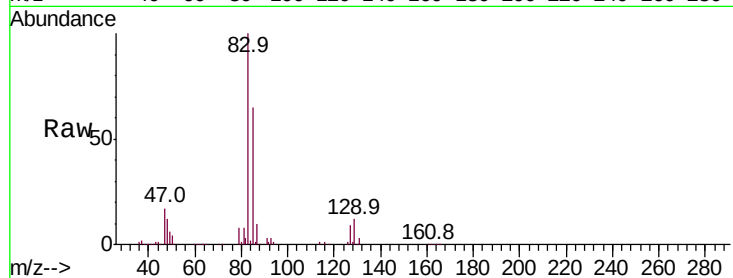
Tot Ion: 83 Resp: 445466

Ion Ratio Lower Upper

83 100

85 65.1 52.3 78.5

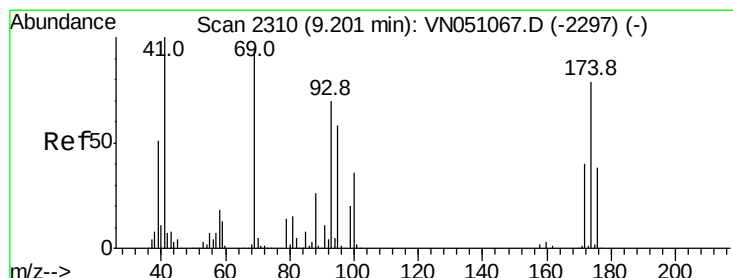
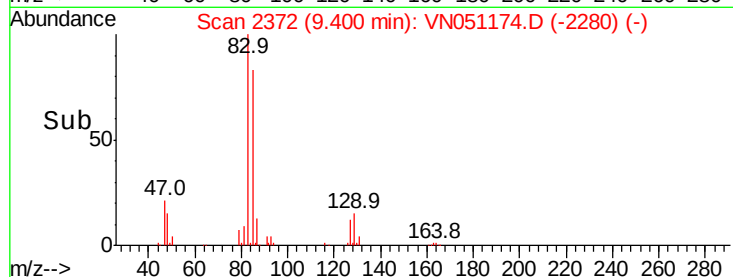
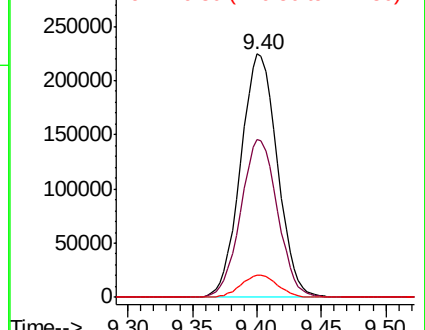
127 9.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051067.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN051067.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN051067.D (-2355) (-)



#48

Methyl methacrylate

Concen: 44.848 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

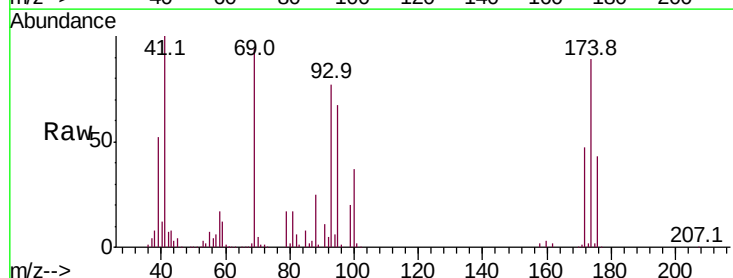
Tgt Ion: 41 Resp: 204692

Ion Ratio Lower Upper

41 100

69 99.5 77.7 116.5

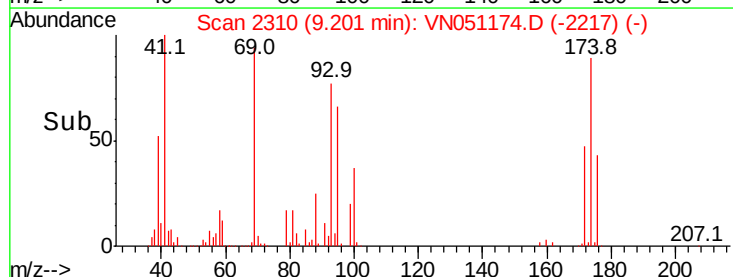
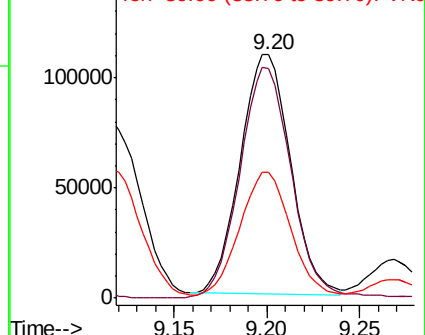
39 53.8 41.6 62.4

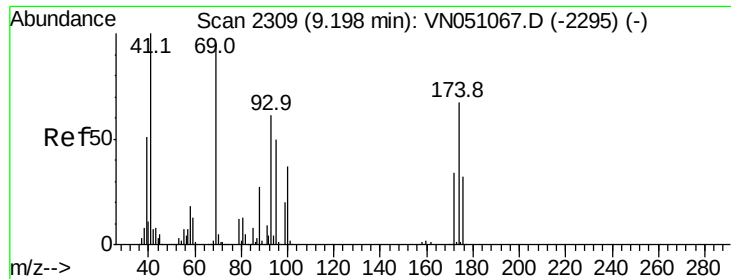


Abundance Ion 41.00 (40.70 to 41.70): VN051067.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN051067.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN051067.D (-2297) (-)

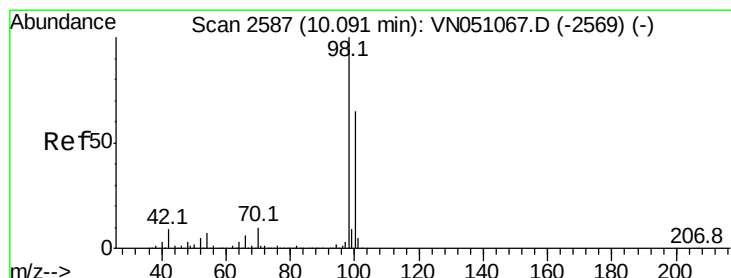
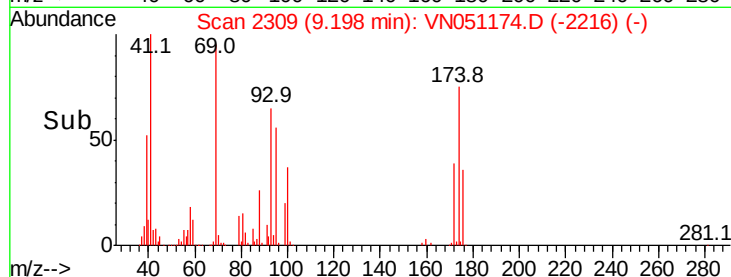
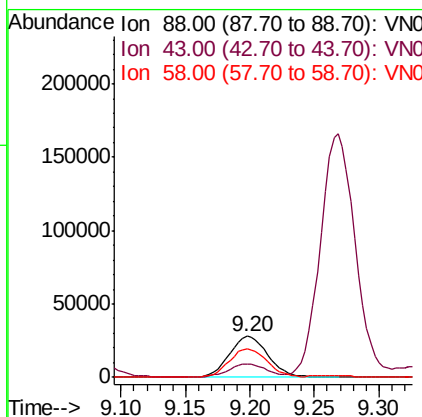
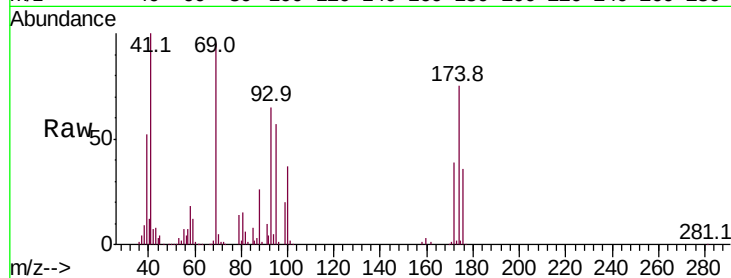




#49
1,4-Dioxane
Concen: 820.571 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

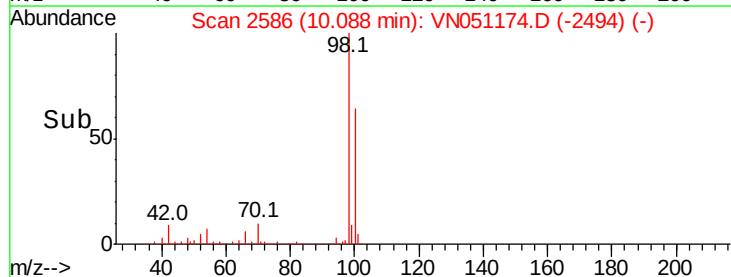
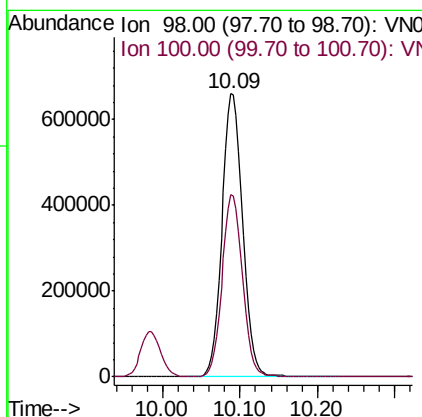
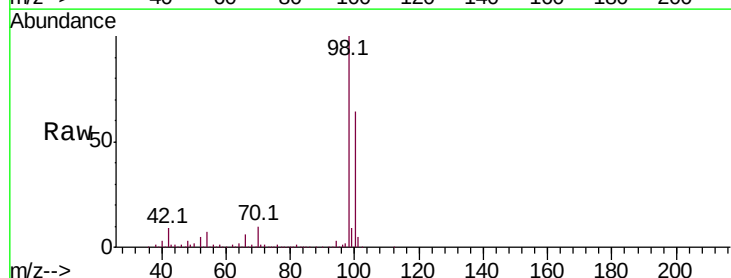
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

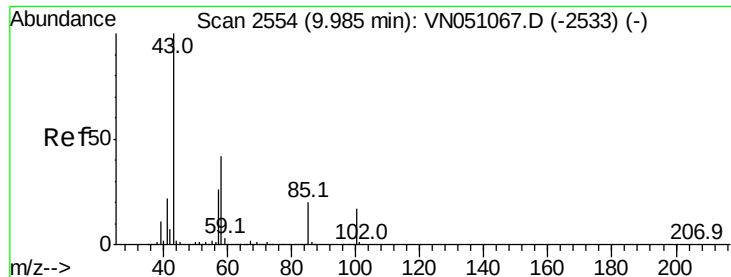
Tot Ion: 88 Resp: 58729
Ion Ratio Lower Upper
88 100
43 29.8 23.7 35.5
58 68.0 54.6 82.0



#50
Toluene-d8
Concen: 51.554 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion: 98 Resp: 1227081
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 221.693 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

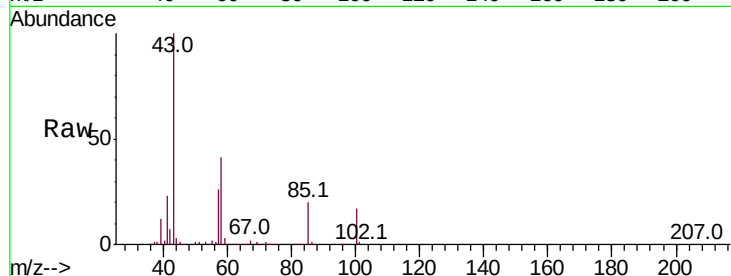
VSTDCCC050

Tot Ion: 43 Resp: 1148202

Ion Ratio Lower Upper

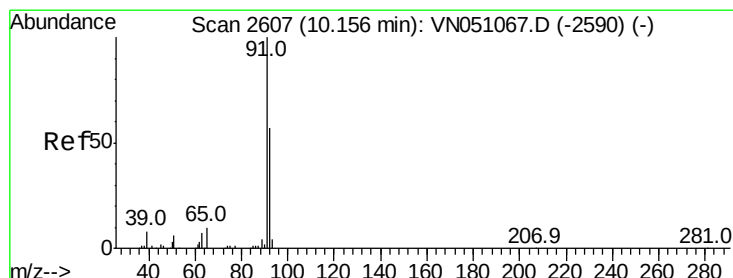
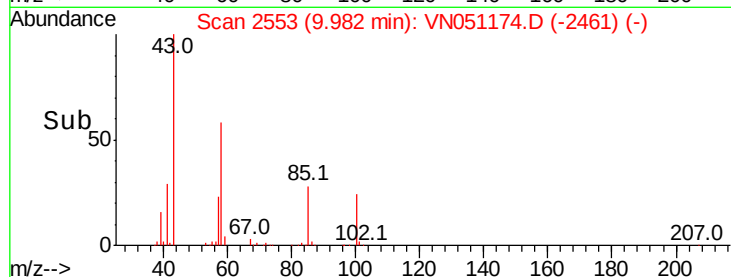
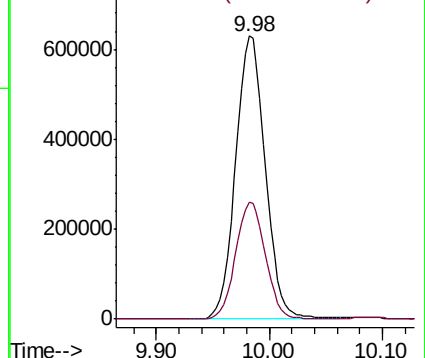
43 100

58 41.6 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.223 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051174.D

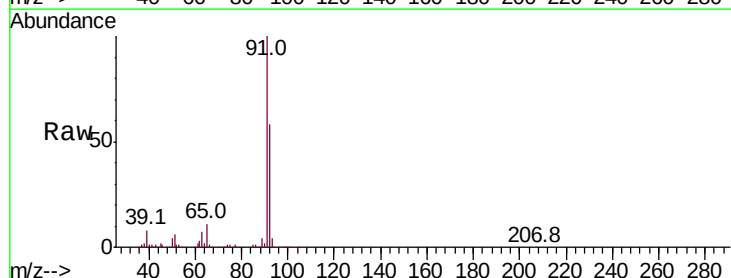
Acq: 14 Sep 2018 8:23

Tgt Ion: 92 Resp: 845739

Ion Ratio Lower Upper

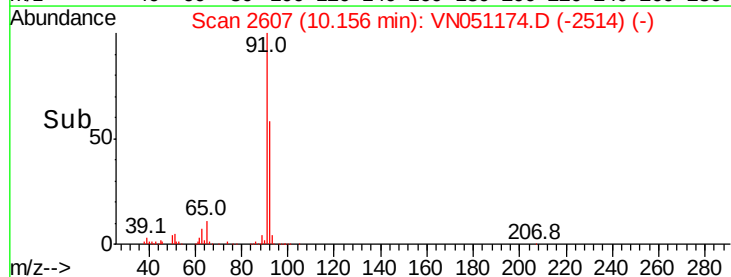
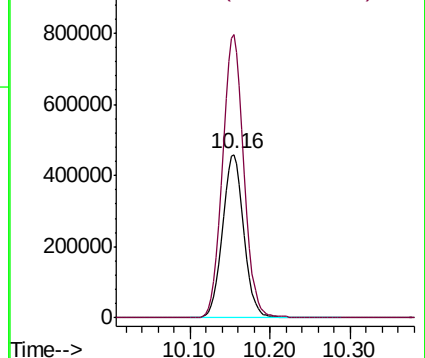
92 100

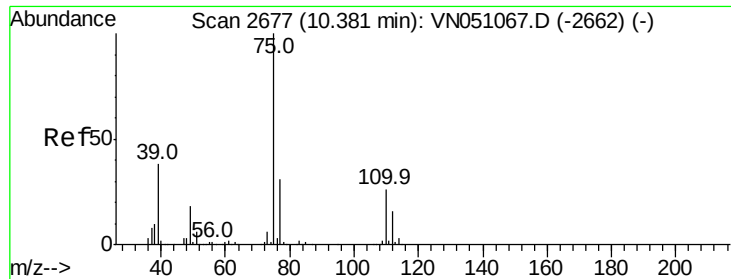
91 173.6 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 49.572 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampled :

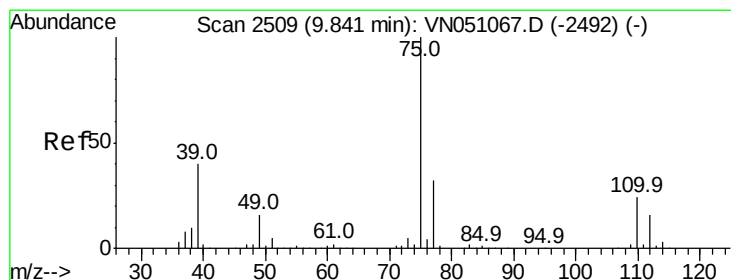
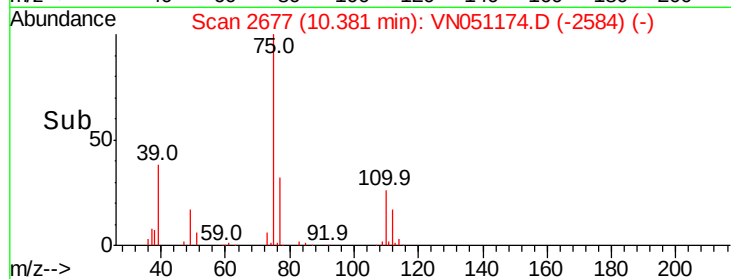
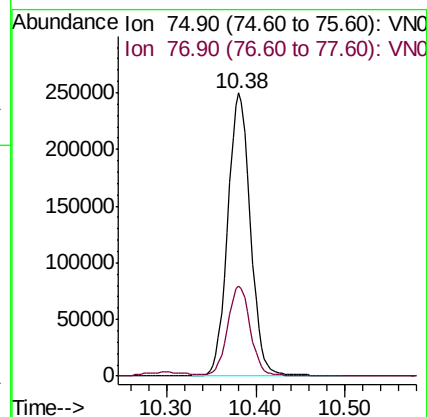
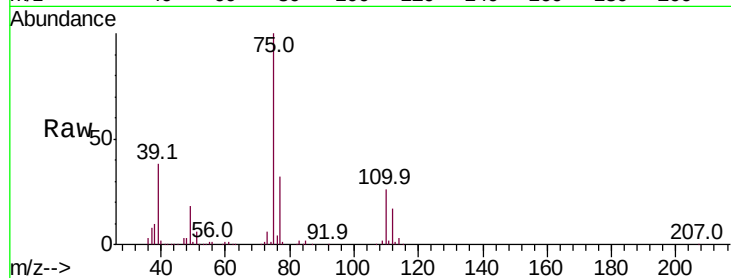
VSTDCCC050

Tot Ion: 75 Resp: 439233

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.056 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

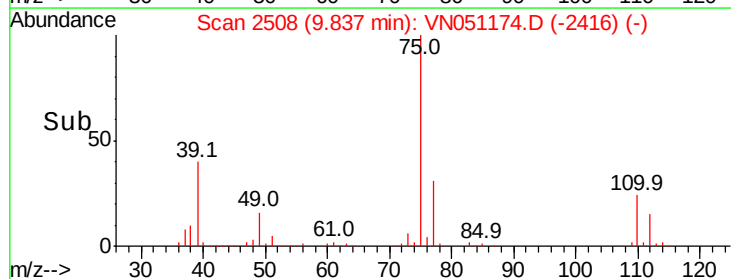
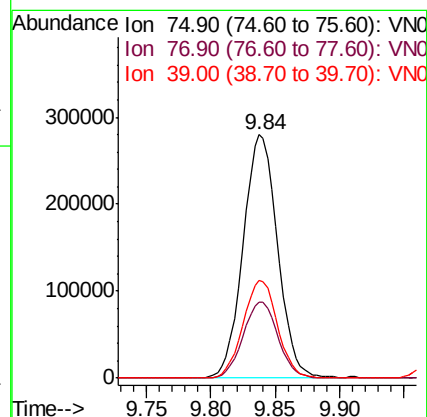
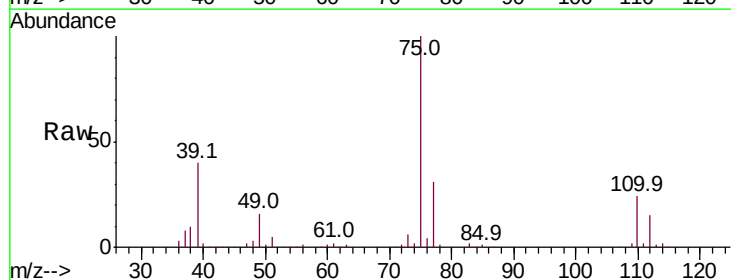
Tgt Ion: 75 Resp: 520029

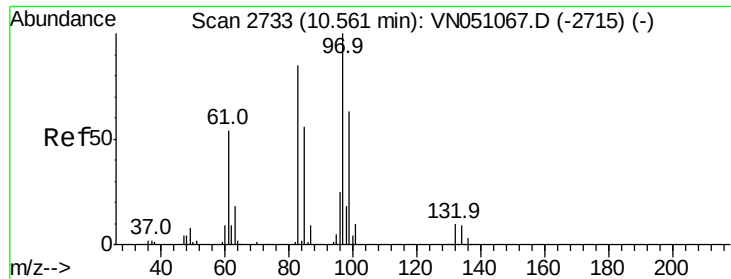
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 40.0 31.9 47.9

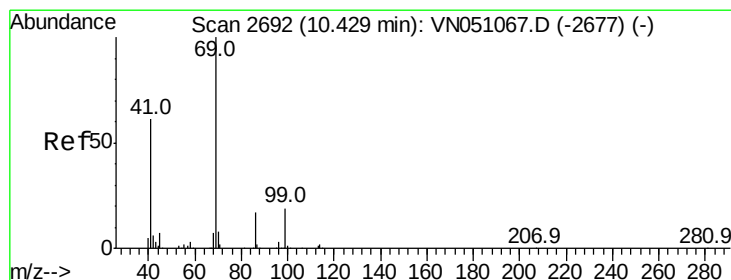
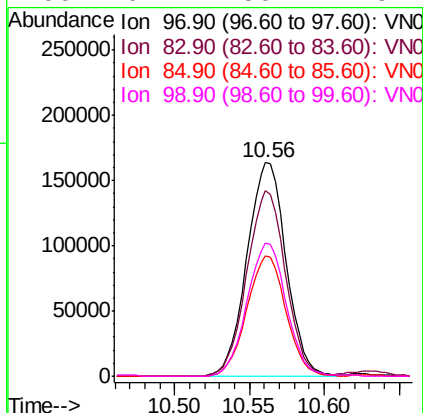
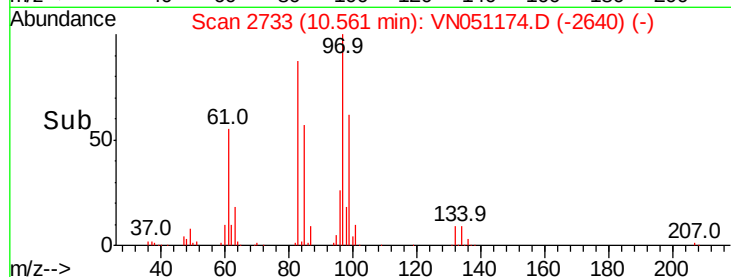
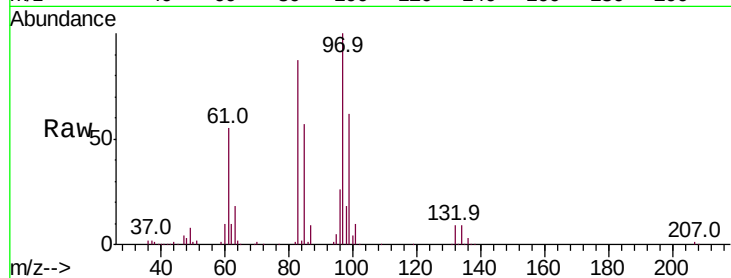




#55
 1,1,2-Trichloroethane
 Concen: 48.750 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

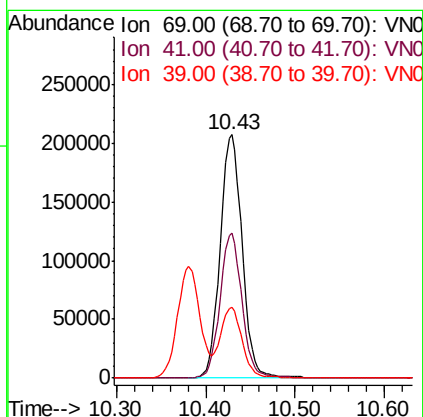
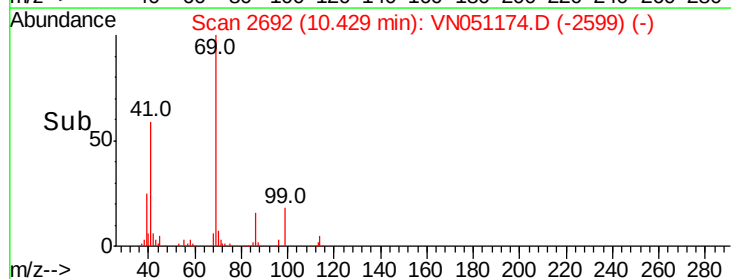
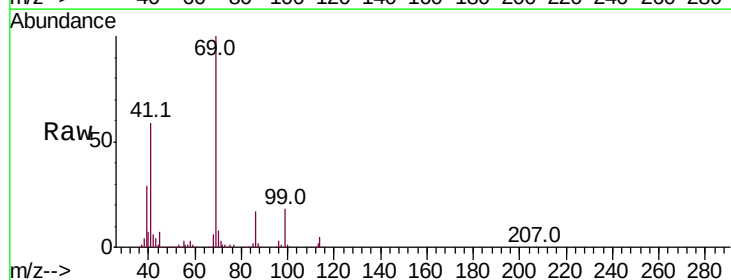
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

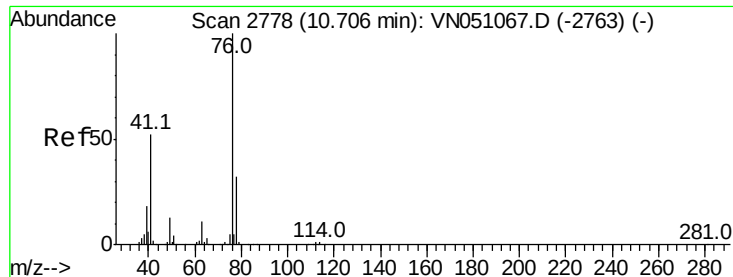
Tot Ion: 97 Resp: 298214
 Ion Ratio Lower Upper
 97 100
 83 86.9 68.2 102.2
 85 56.5 44.8 67.2
 99 62.2 50.2 75.4



#56
 Ethyl methacrylate
 Concen: 43.481 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion: 69 Resp: 354169
 Ion Ratio Lower Upper
 69 100
 41 58.8 47.8 71.8
 39 29.1 23.0 34.4





#57

1,3-Dichloropropane

Concen: 48.379 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

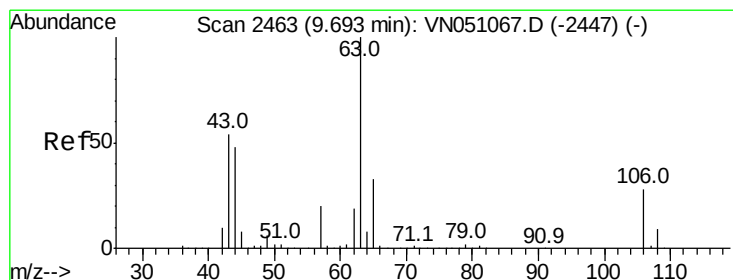
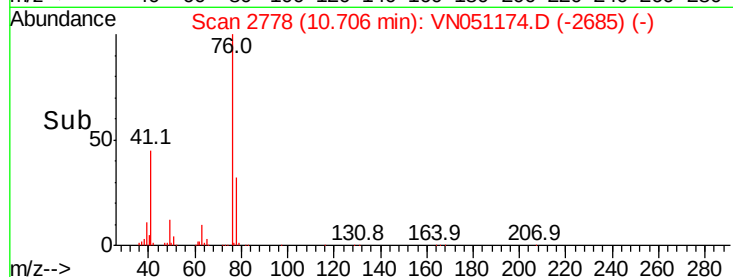
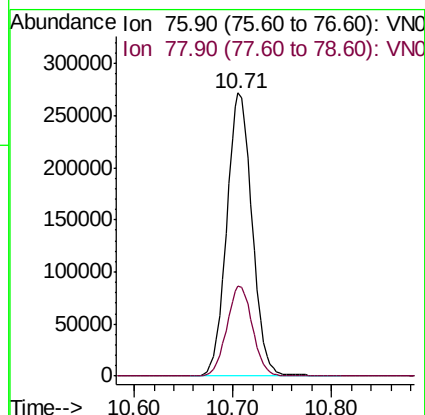
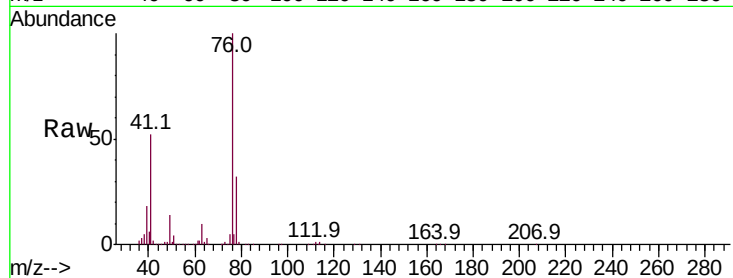
VSTDCCC050

Tot Ion: 76 Resp: 490639

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 210.230 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN051174.D

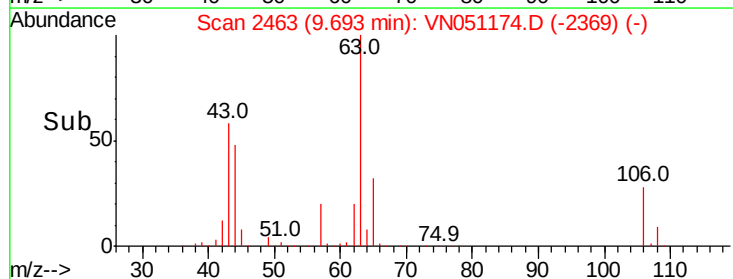
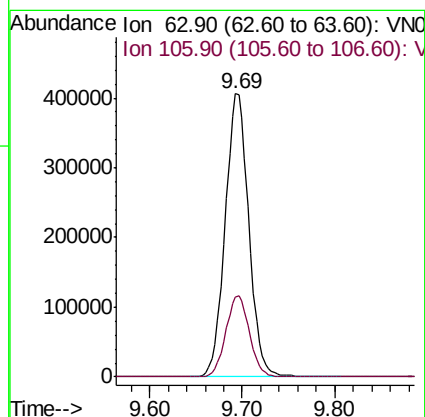
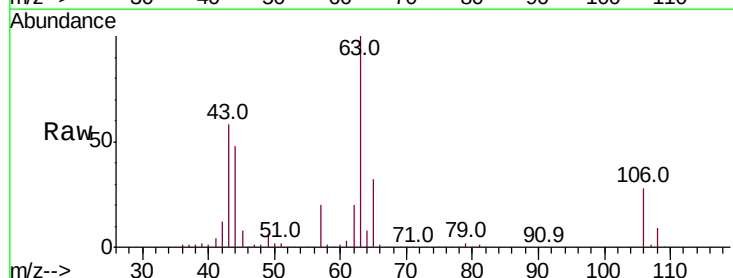
Acq: 14 Sep 2018 8:23

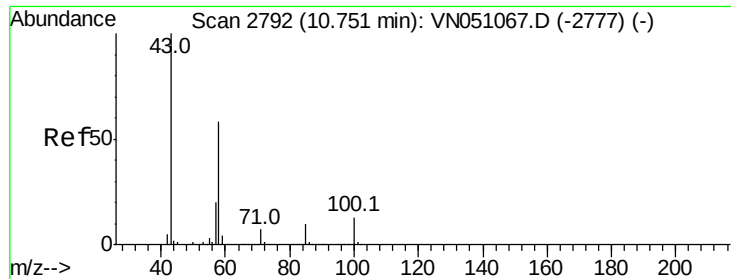
Tgt Ion: 63 Resp: 716570

Ion Ratio Lower Upper

63 100

106 28.7 22.5 33.7

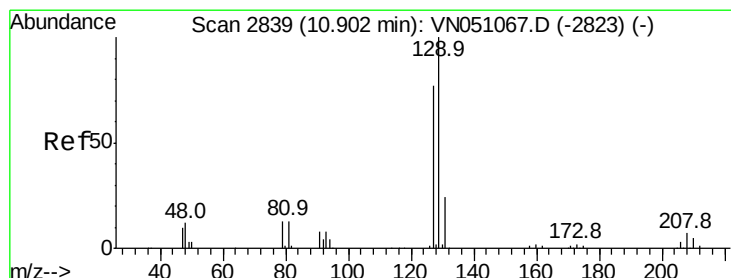
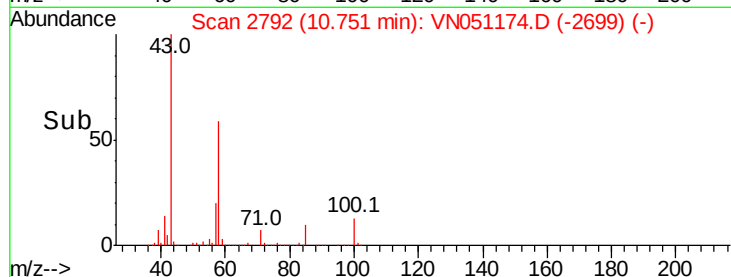
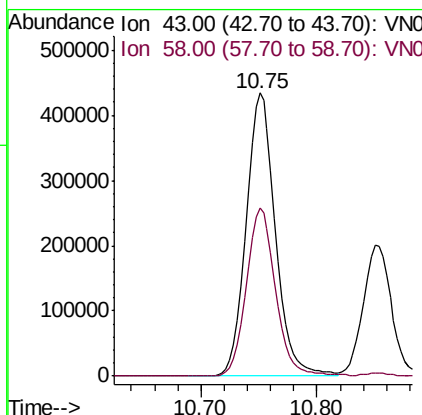
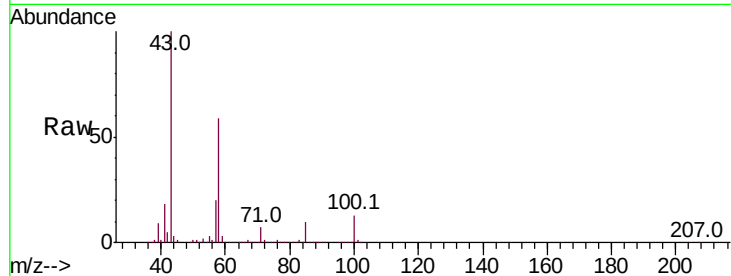




#59
2-Hexanone
Concen: 216.937 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

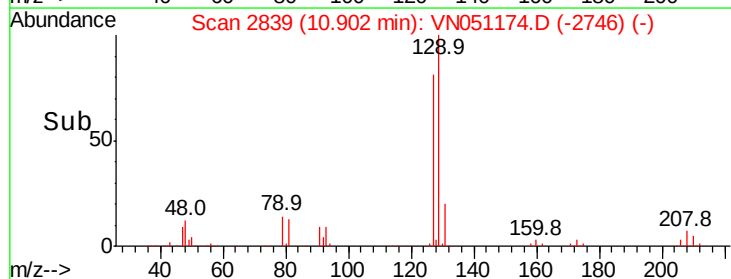
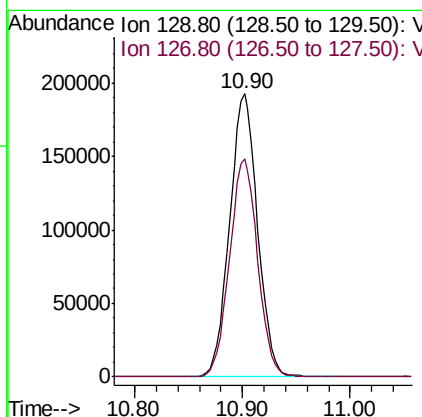
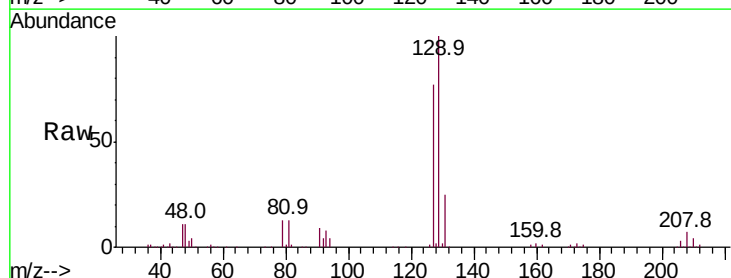
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

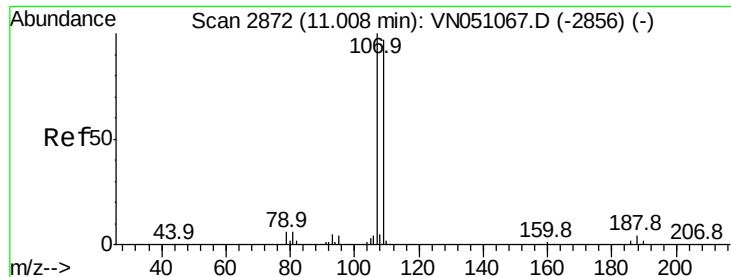
Tot Ion: 43 Resp: 761981
Ion Ratio Lower Upper
43 100
58 59.4 29.3 88.0



#60
Dibromochloromethane
Concen: 50.469 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion: 129 Resp: 347980
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

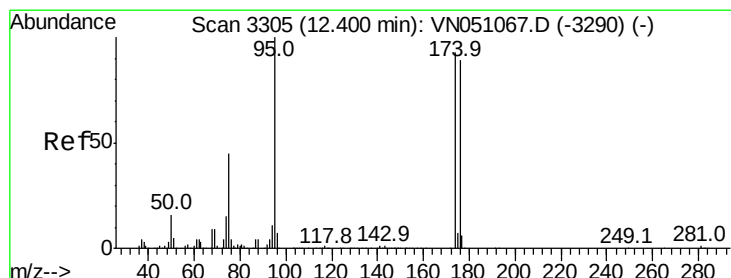
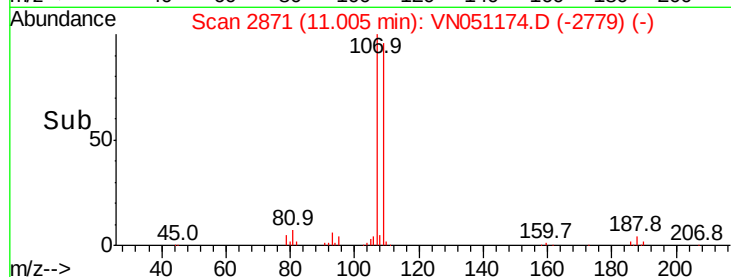
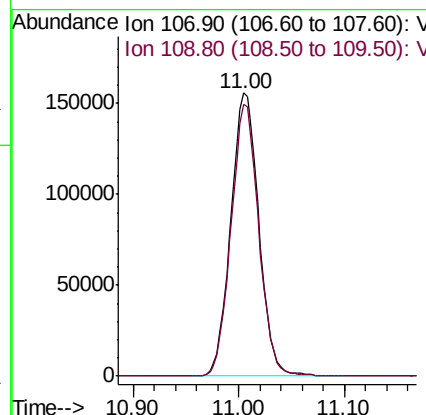
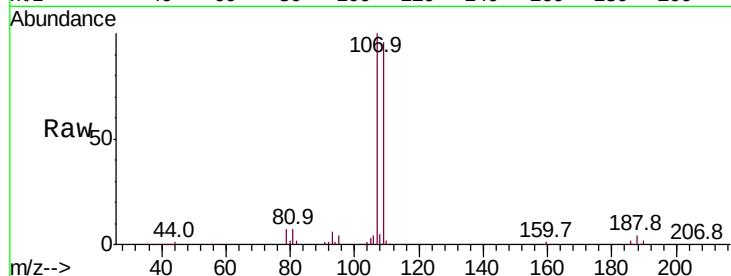




#61
 1,2-Dibromoethane
 Concen: 47.819 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

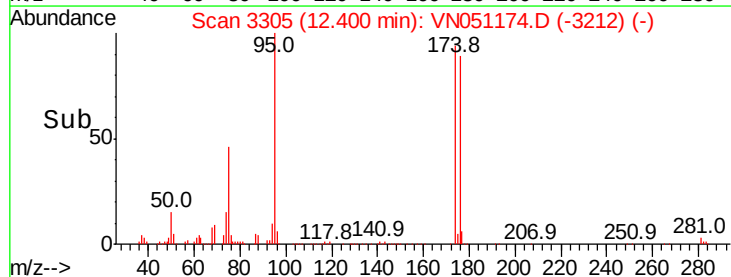
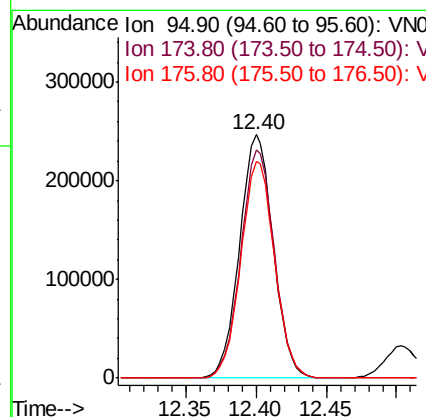
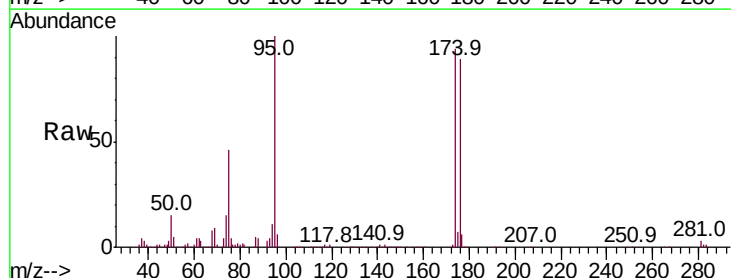
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

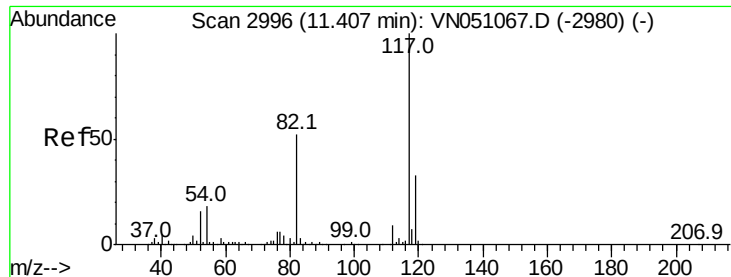
Tot Ion:107 Resp: 285949
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 52.212 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion: 95 Resp: 411088
 Ion Ratio Lower Upper
 95 100
 174 93.9 0.0 184.8
 176 89.5 0.0 178.6

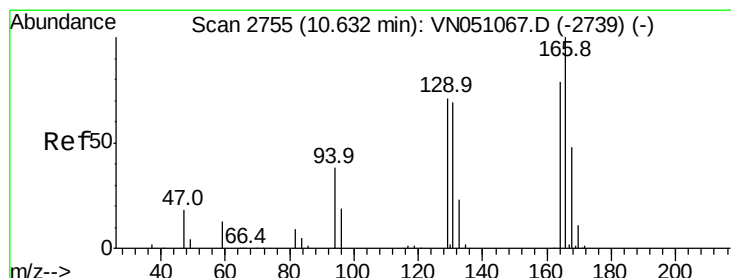
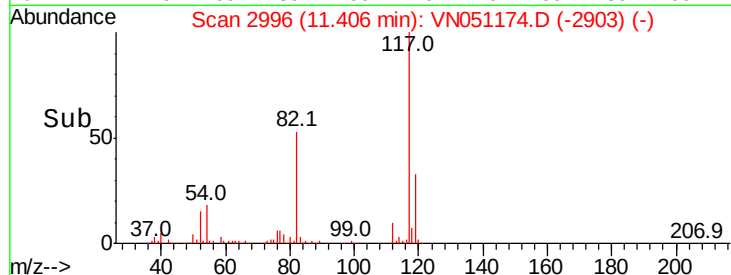
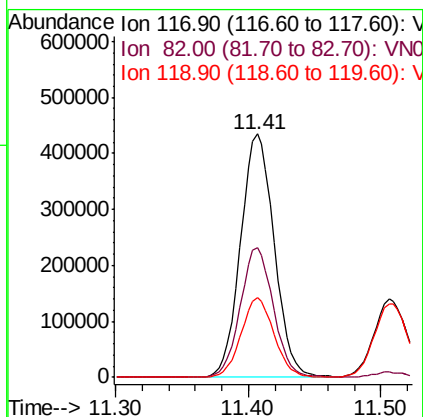
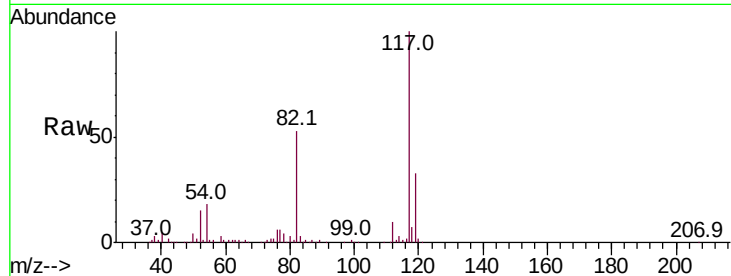




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

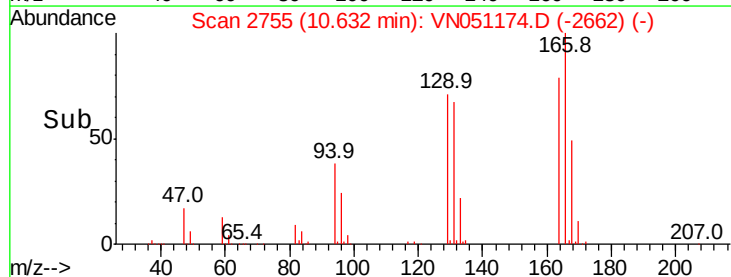
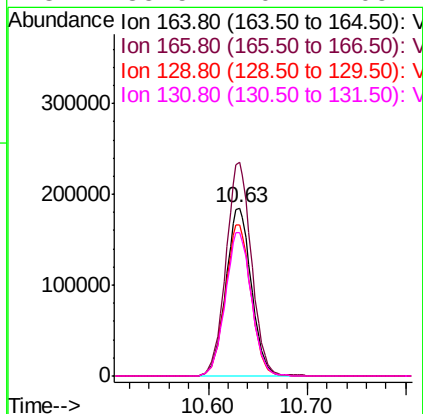
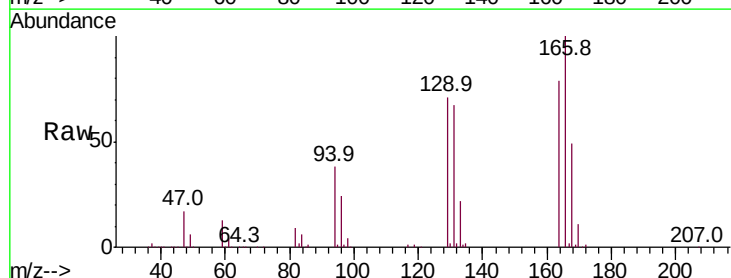
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

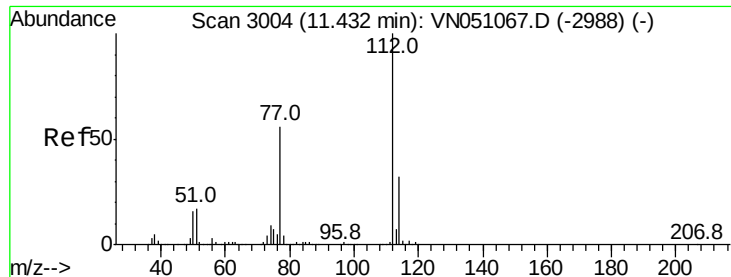
Tot Ion:117 Resp: 765958
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 47.967 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion:164 Resp: 335257
Ion Ratio Lower Upper
164 100
166 126.9 101.3 151.9
129 89.9 72.2 108.2
131 85.5 70.2 105.2

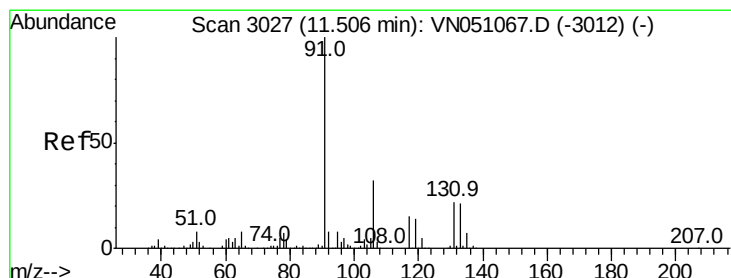
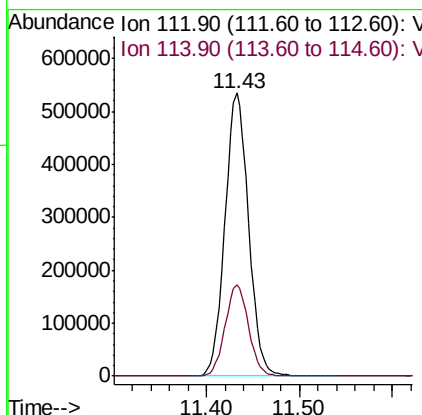
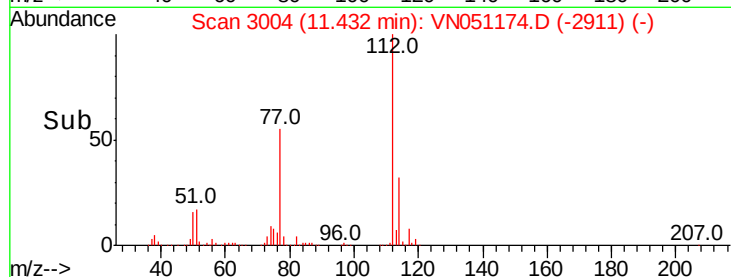
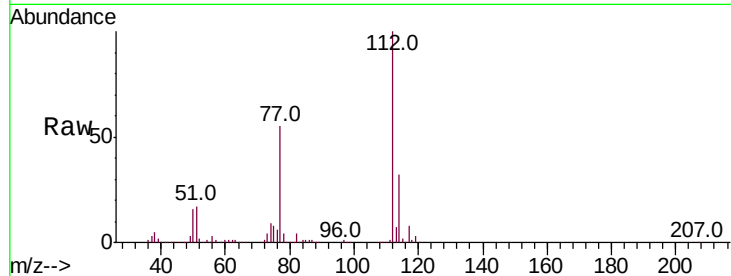




#65
Chlorobenzene
Concen: 48.739 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

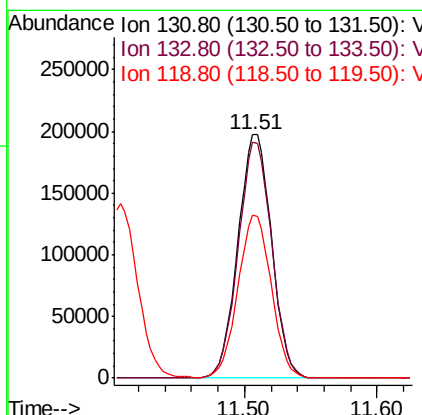
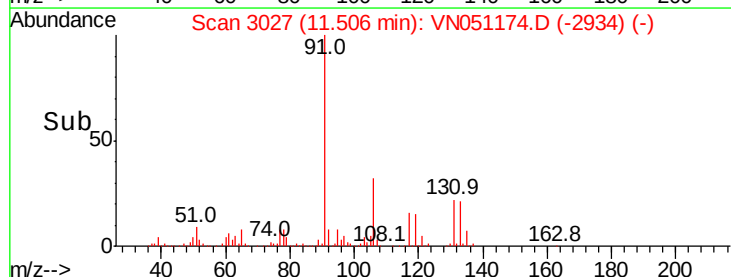
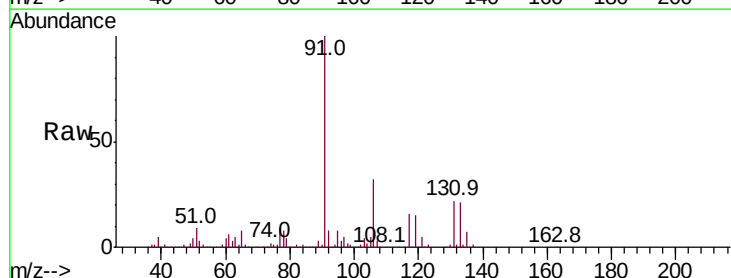
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

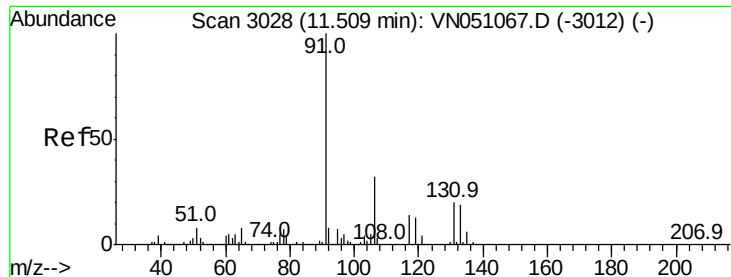
Tot Ion:112 Resp: 941030
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.962 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion:131 Resp: 347307
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.6
119 66.7 33.2 99.6

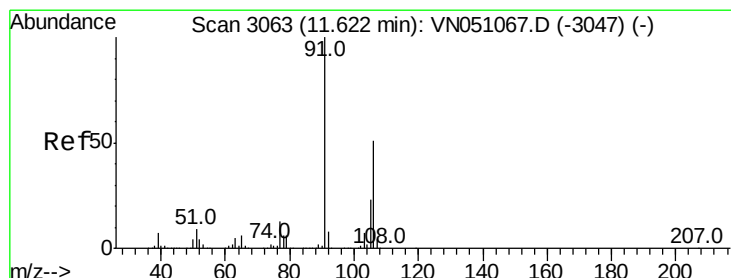
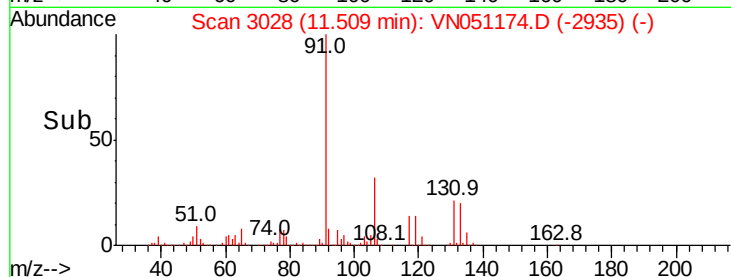
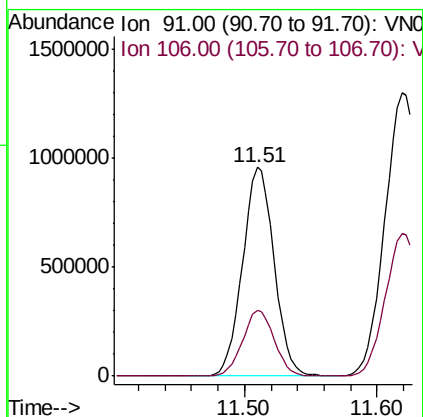
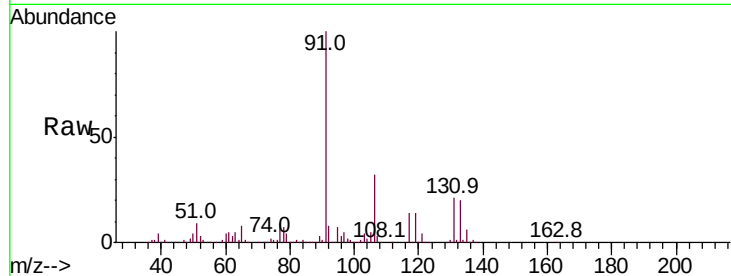




#67
Ethyl Benzene
Concen: 50.525 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

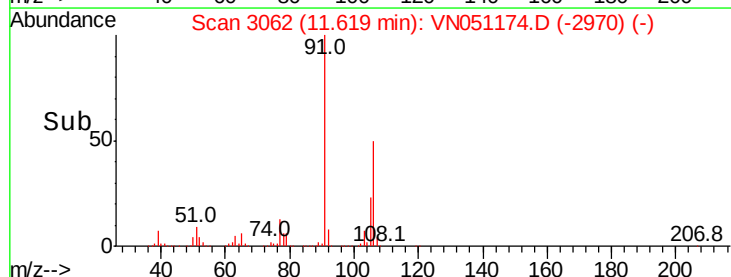
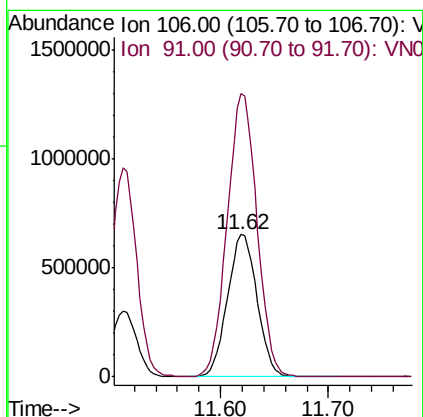
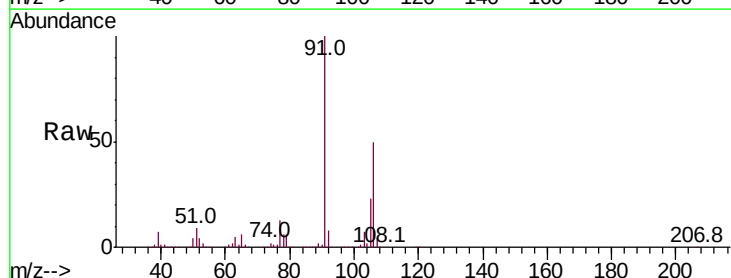
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

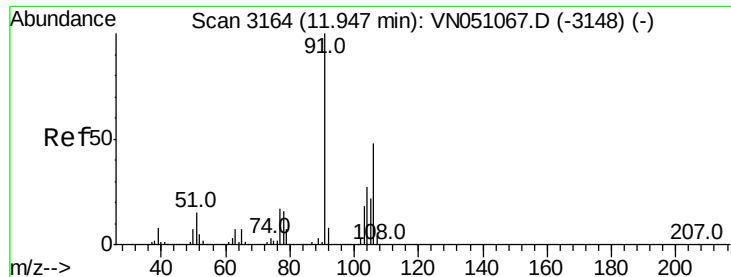
Tot Ion: 91 Resp: 1579799
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 103.962 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion:106 Resp: 1248970
Ion Ratio Lower Upper
106 100
91 199.6 159.8 239.6

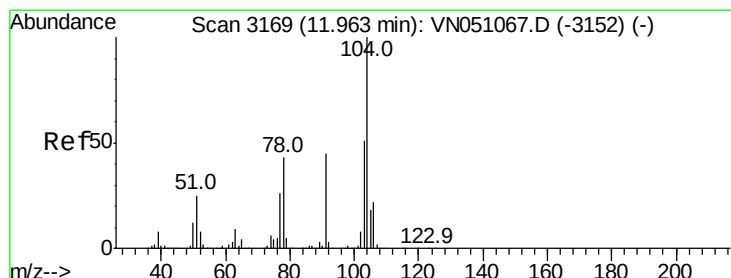
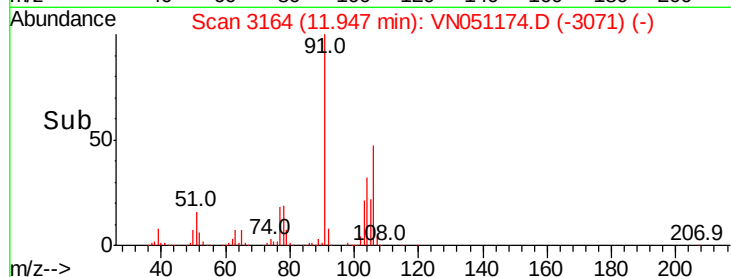
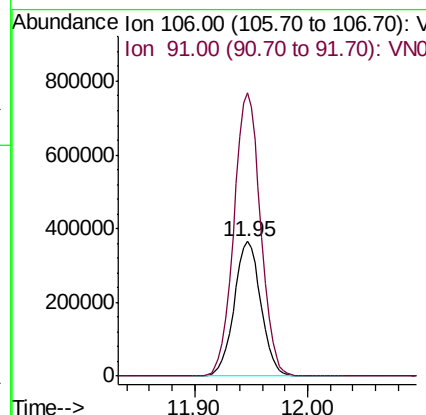
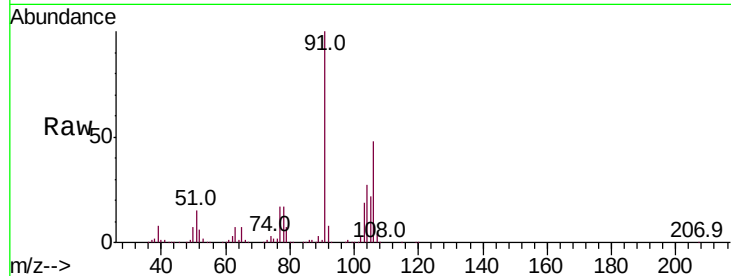




#69
o-Xylene
Concen: 51.510 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

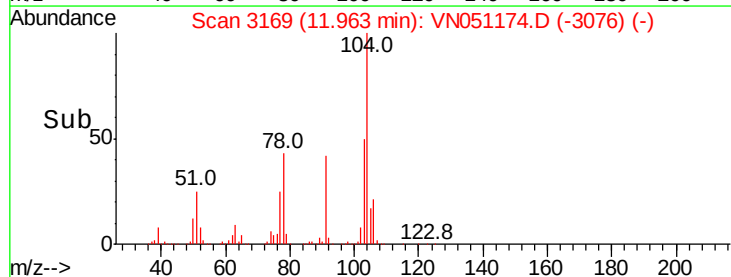
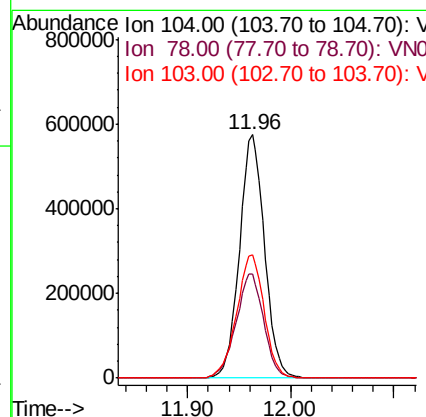
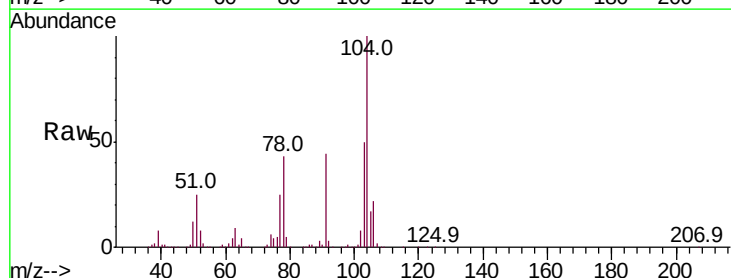
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

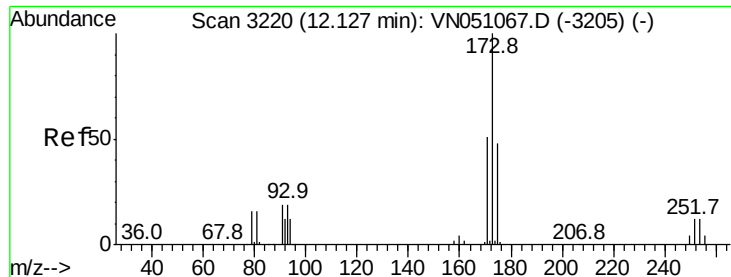
Tot Ion:106 Resp: 599252
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.1



#70
Styrene
Concen: 53.834 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion:104 Resp: 971484
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.6 44.6 67.0





#71

Bromoform

Concen: 48.593 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

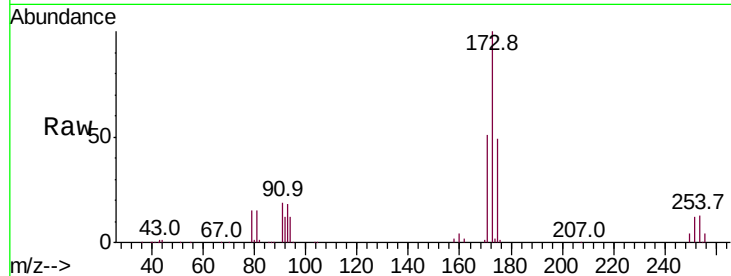
Tot Ion:173 Resp: 237826

Ion Ratio Lower Upper

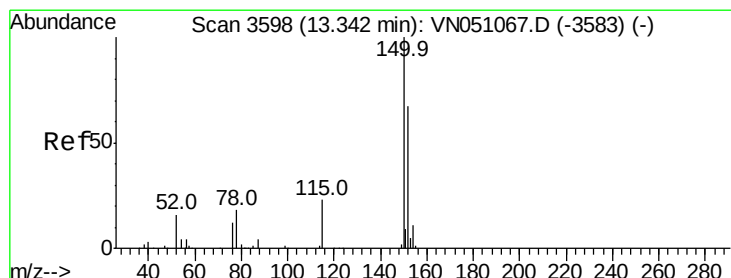
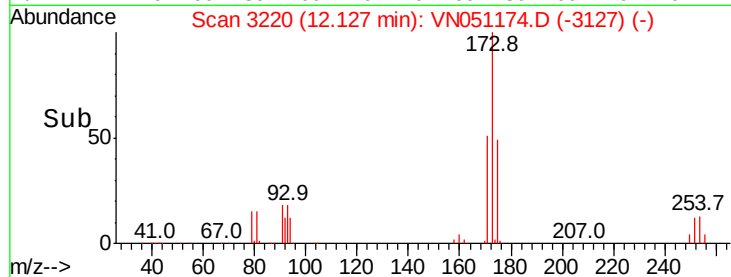
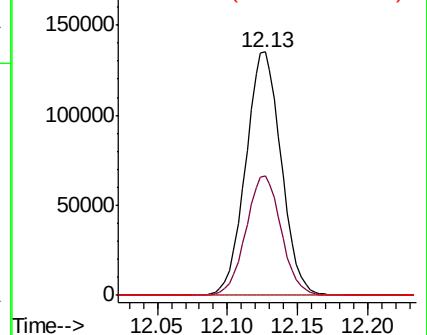
173 100

175 48.6 24.3 72.9

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

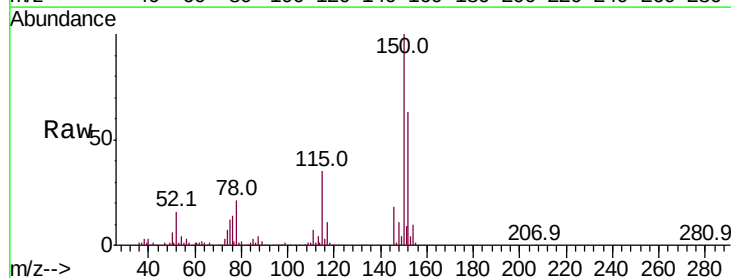
Tgt Ion:152 Resp: 392759

Ion Ratio Lower Upper

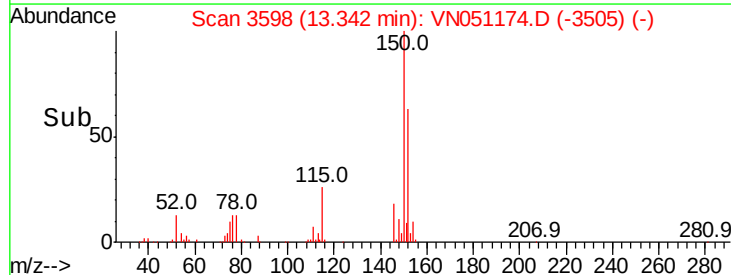
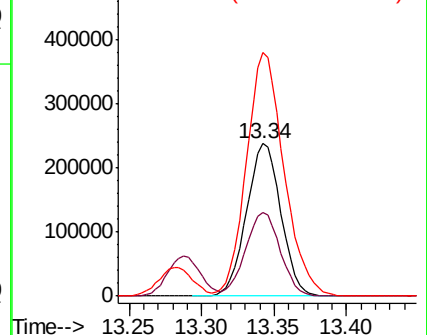
152 100

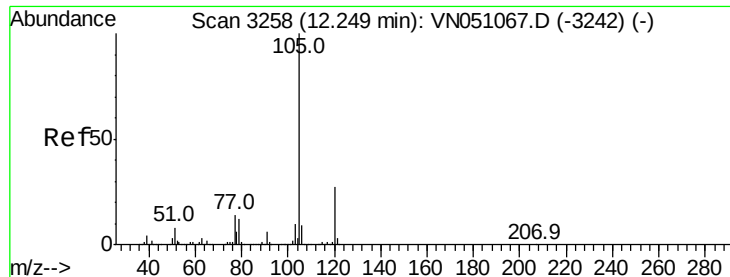
115 55.3 28.2 84.7

150 174.4 0.0 349.0



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





#73

Isopropylbenzene

Concen: 48.377 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

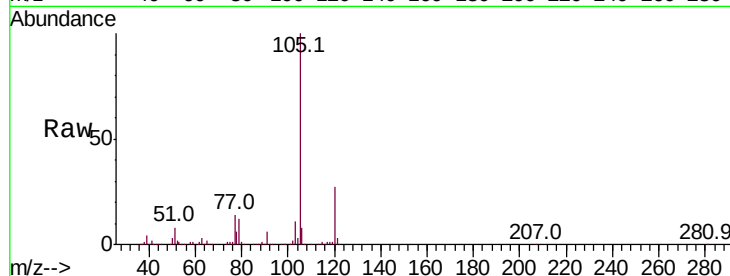
VSTDCCC050

Tot Ion:105 Resp: 1593423

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

1000000

800000

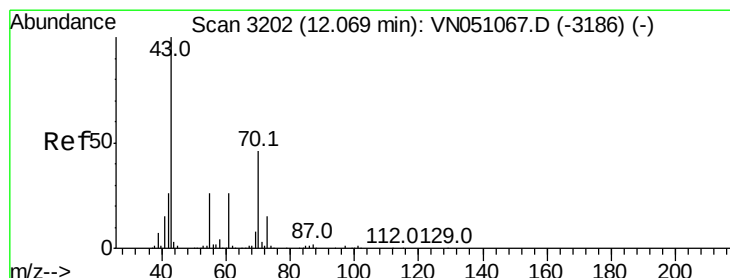
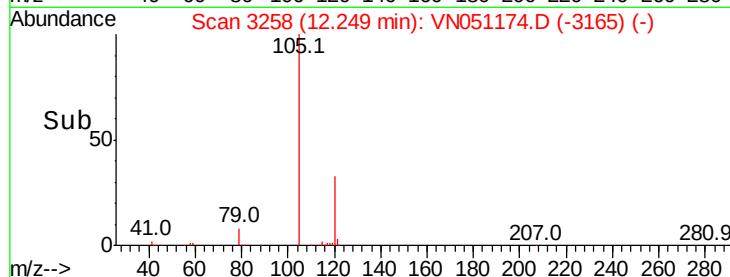
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 40.747 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Tgt Ion: 43 Resp: 337761

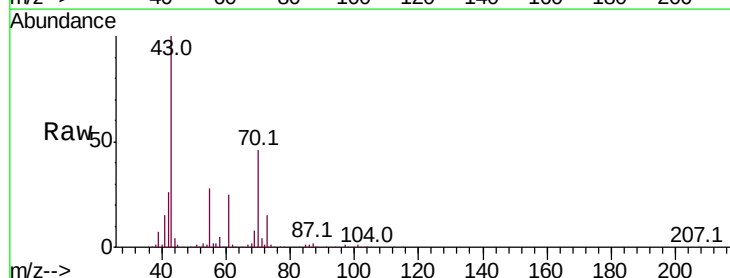
Ion Ratio Lower Upper

43 100

70 46.3 37.0 55.4

55 28.1 21.3 31.9

61 26.0 20.7 31.1



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

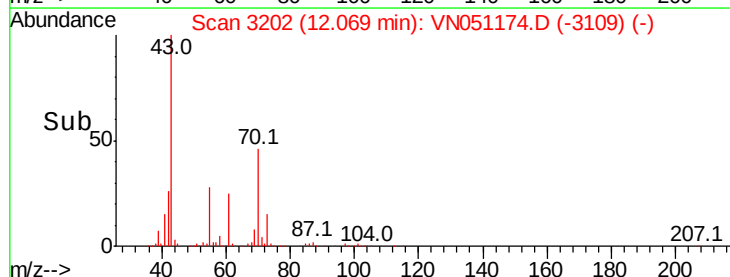
300000

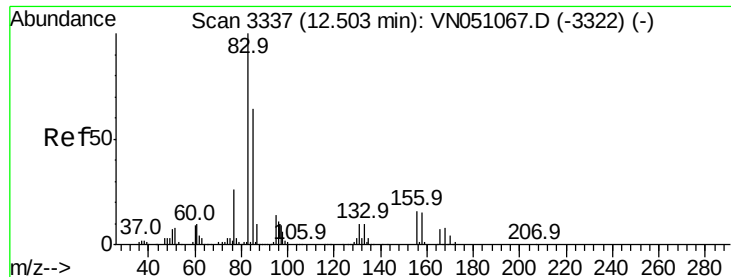
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.999 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

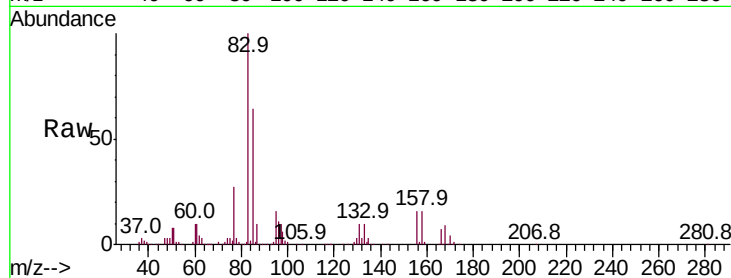
Tot Ion: 83 Resp: 355897

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	16.1
85	64.0	32.3	96.8

83 100

131 10.6 5.3 16.1

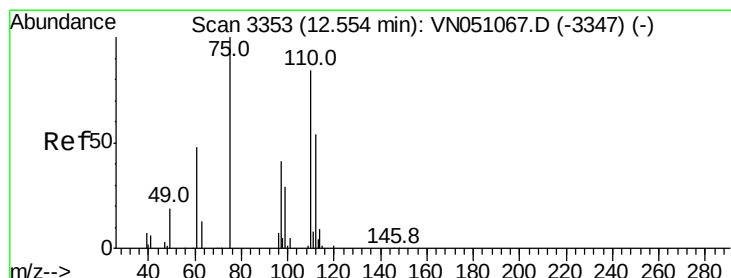
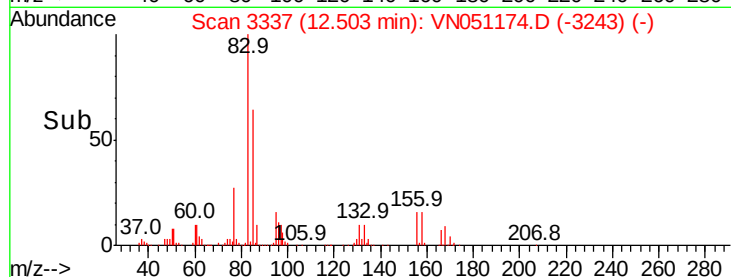
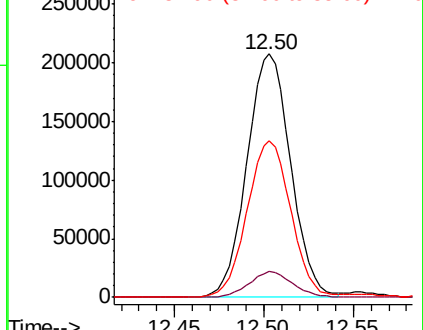
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 68.404 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051174.D

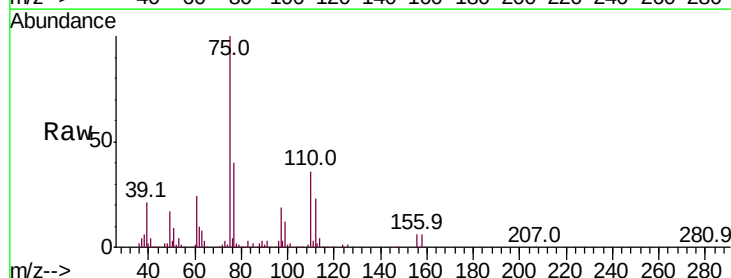
Acq: 14 Sep 2018 8:23

Tgt Ion: 75 Resp: 413191

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

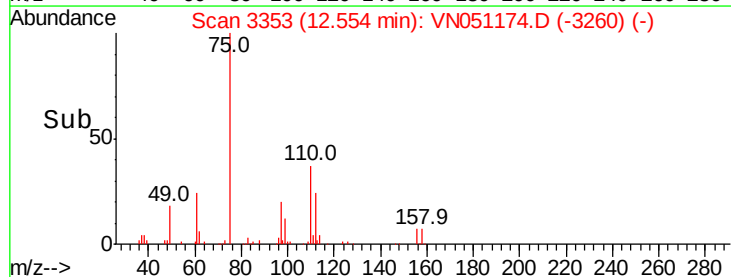
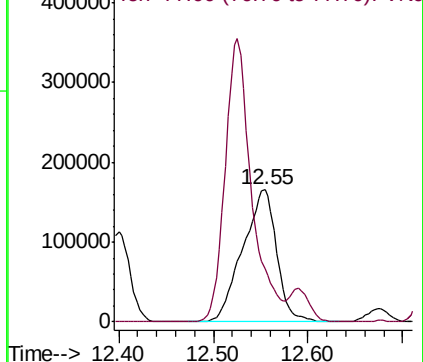
75 100

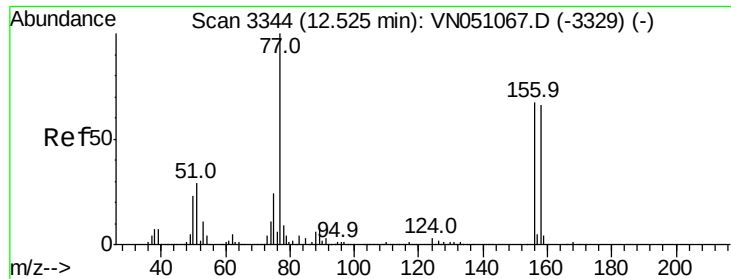
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 45.635 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

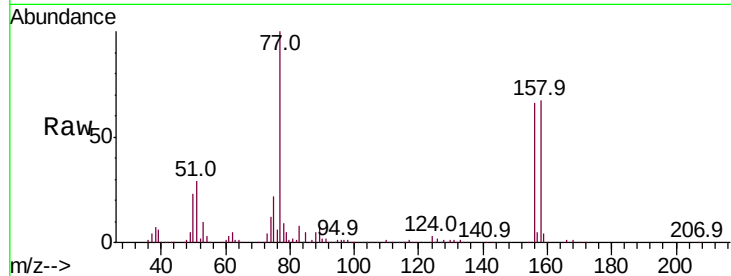
Tot Ion:156 Resp: 403723

Ion Ratio Lower Upper

156 100

77 171.3 87.5 262.6

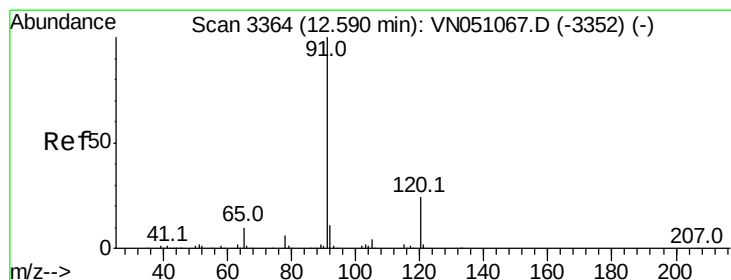
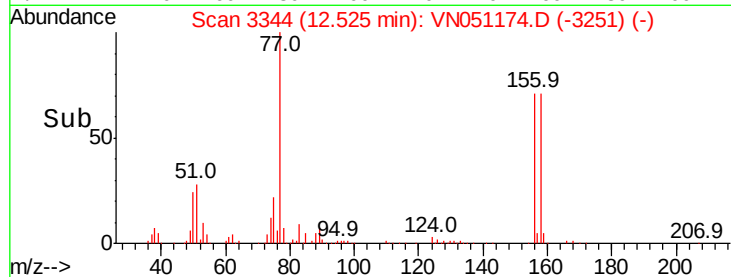
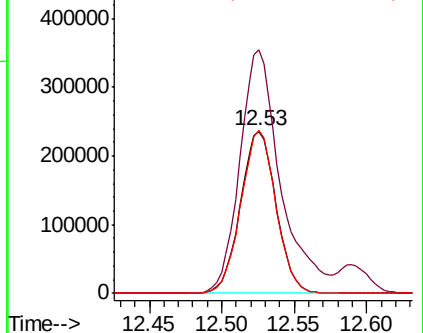
158 98.9 49.0 147.2



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: 49.726 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051174.D

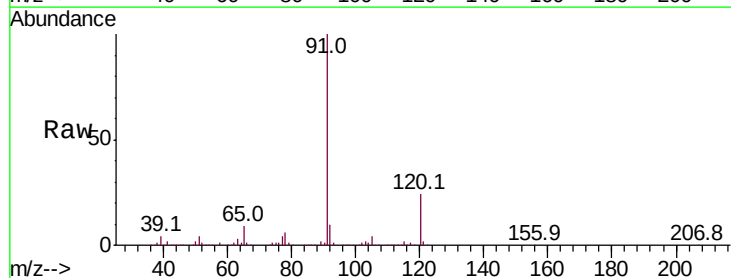
Acq: 14 Sep 2018 8:23

Tgt Ion: 91 Resp: 1800285

Ion Ratio Lower Upper

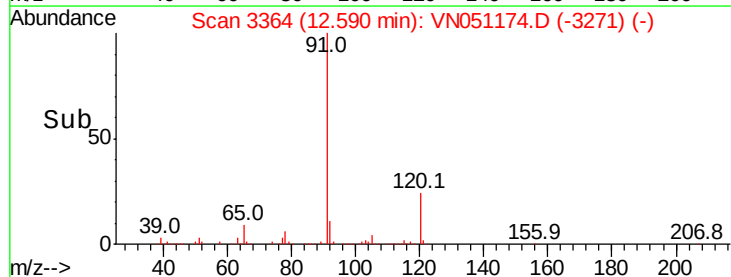
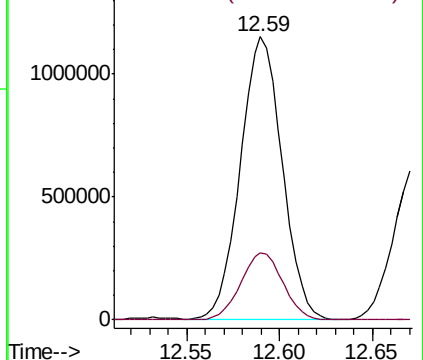
91 100

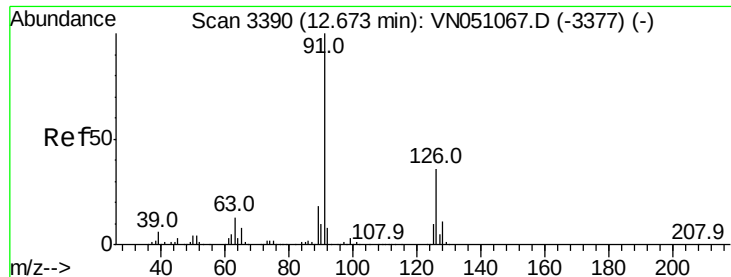
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.277 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

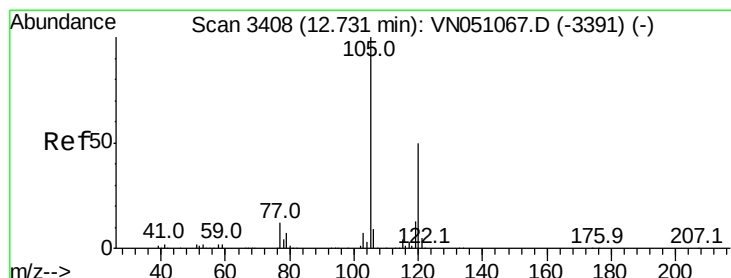
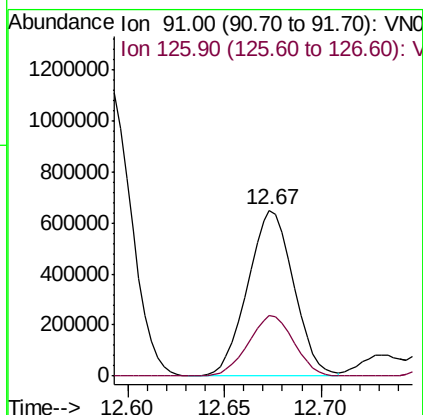
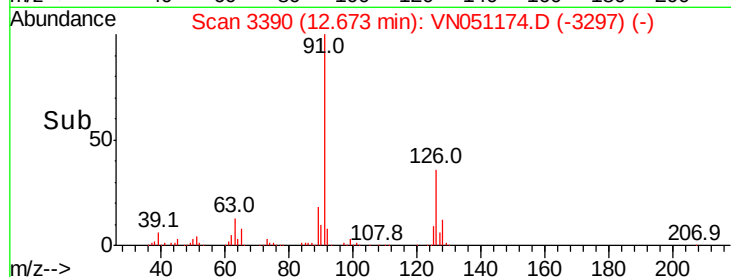
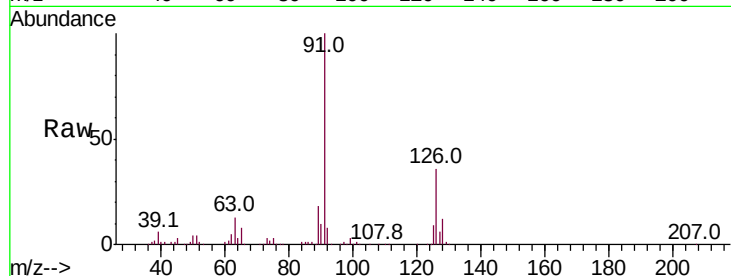
VSTDCCC050

Tot Ion: 91 Resp: 1069822

Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 49.563 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051174.D

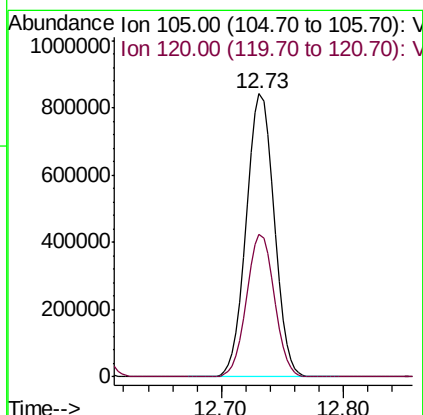
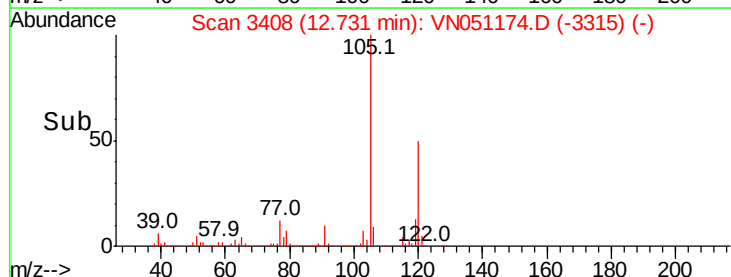
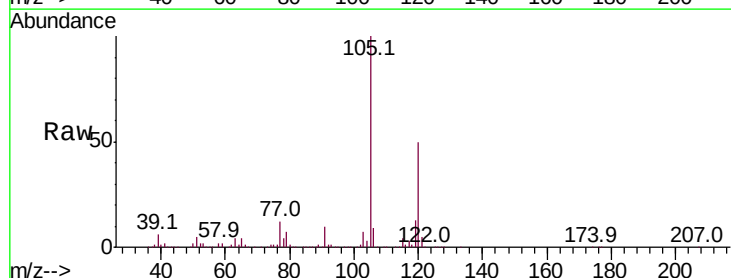
Acq: 14 Sep 2018 8:23

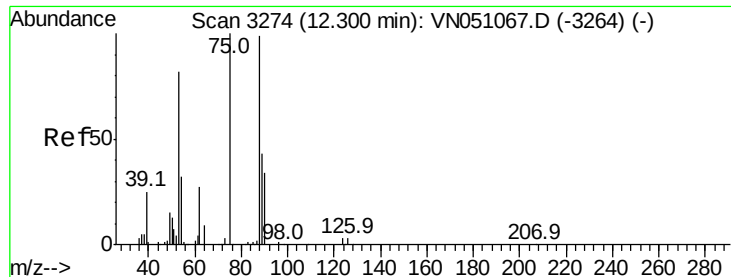
Tgt Ion: 105 Resp: 1319864

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.6

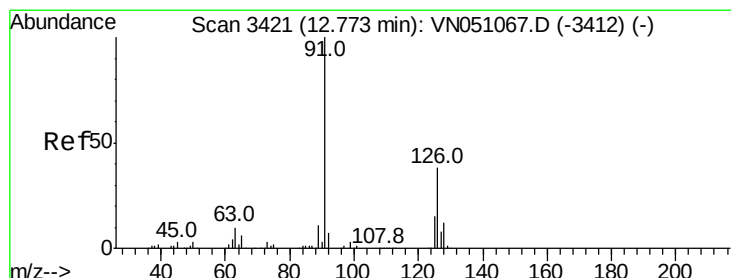
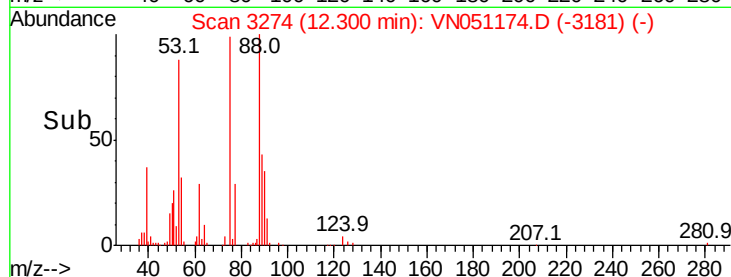
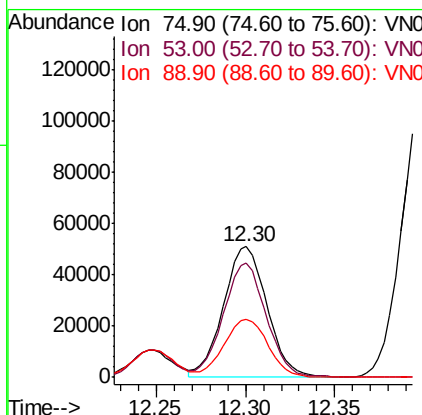
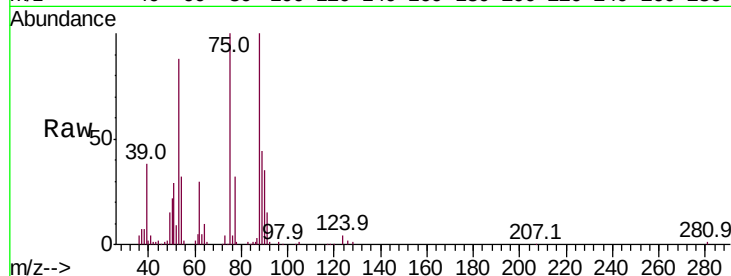




#81
trans-1,4-Dichloro-2-butene
Concen: 41.801 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

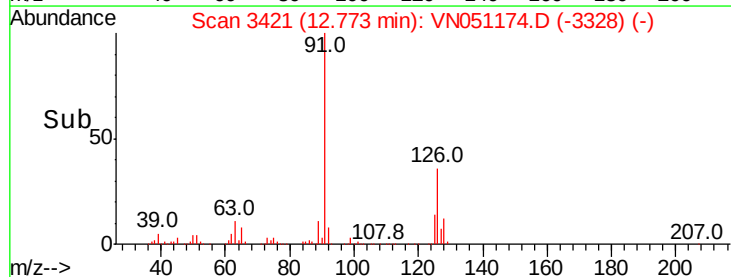
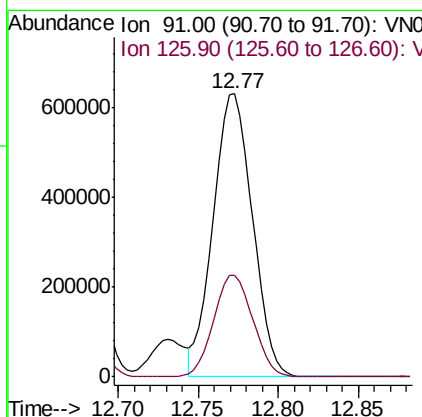
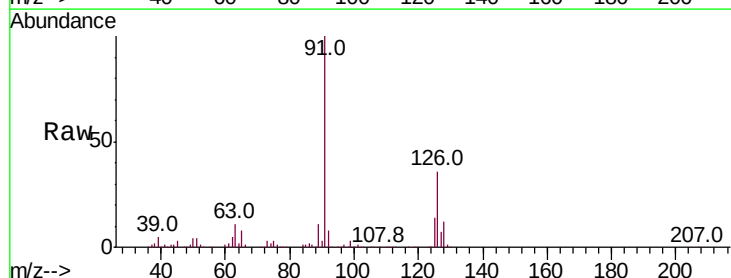
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

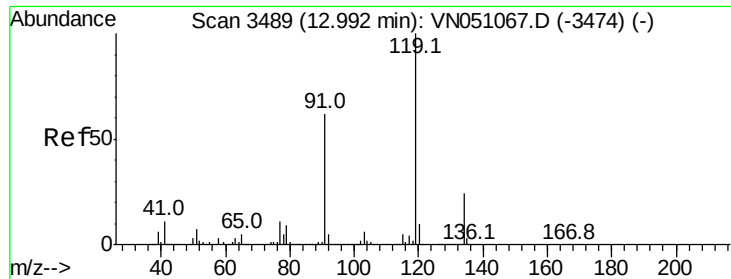
Tot Ion: 75 Resp: 86447
Ion Ratio Lower Upper
75 100
53 86.8 67.8 101.8
89 45.2 36.0 54.0



#82
4-Chlorotoluene
Concen: 47.585 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion: 91 Resp: 1068868
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.8

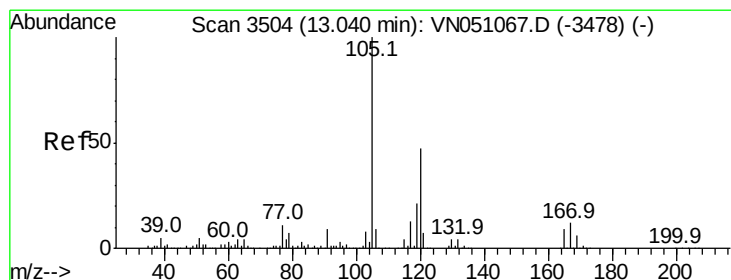
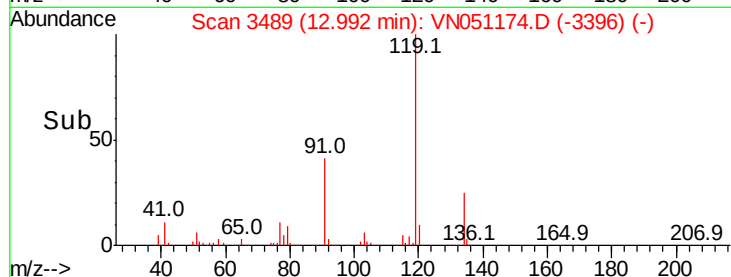
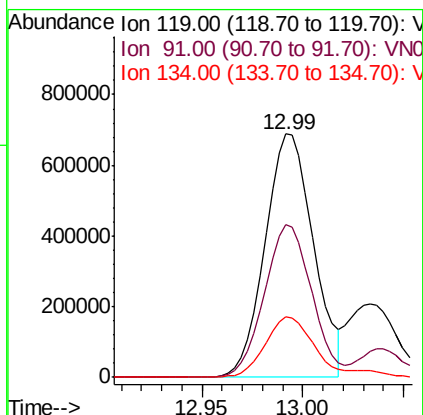
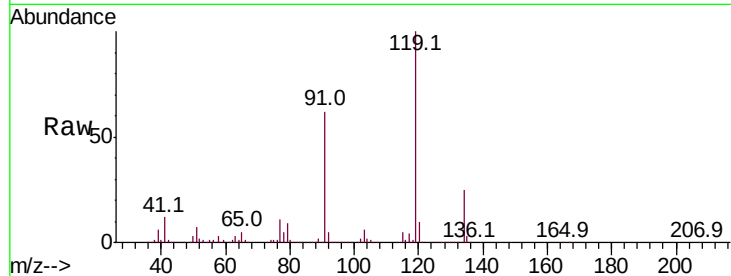




#83
 tert-Butylbenzene
 Concen: 48.835 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

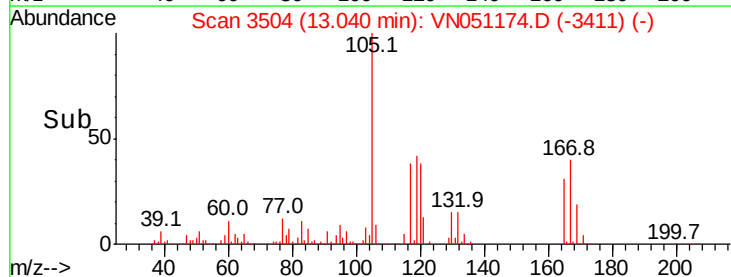
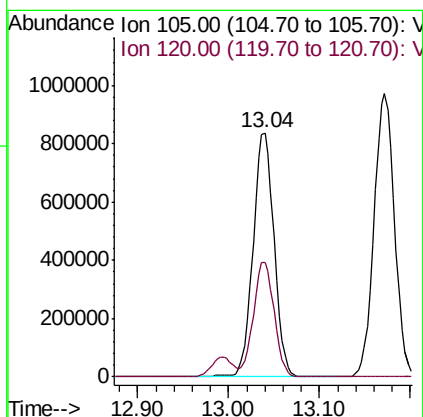
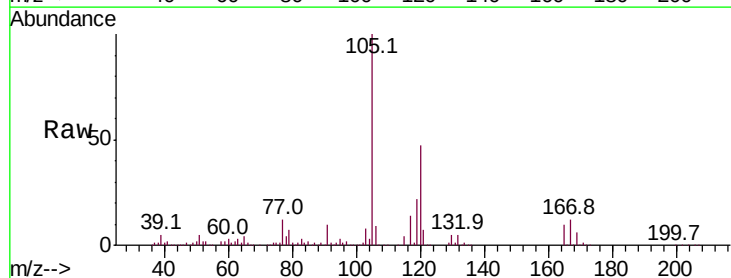
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

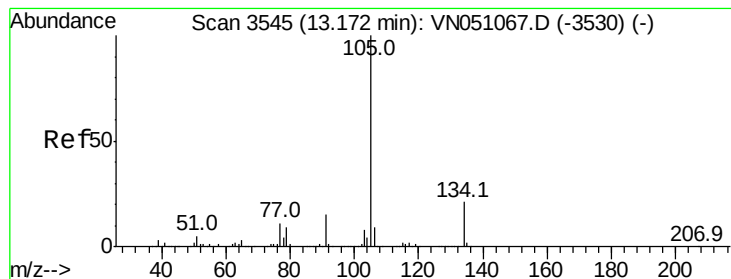
Tot Ion:119 Resp: 1148056
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.8 92.3
 134 26.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.079 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion:105 Resp: 1337450
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 49.994 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

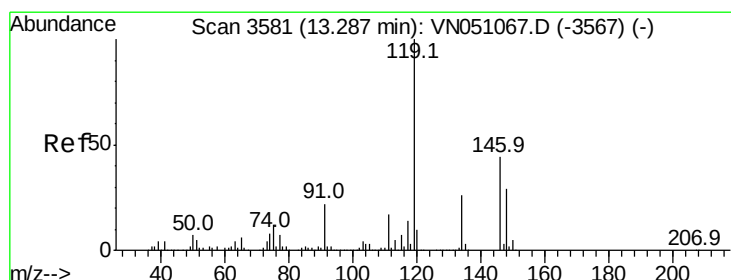
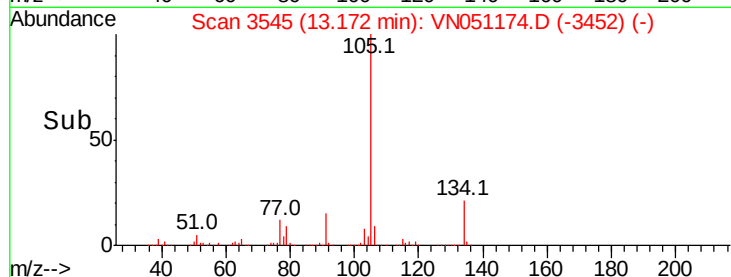
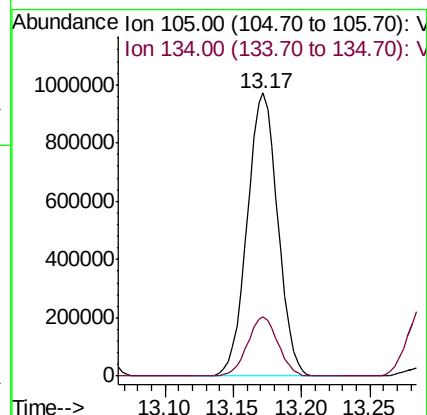
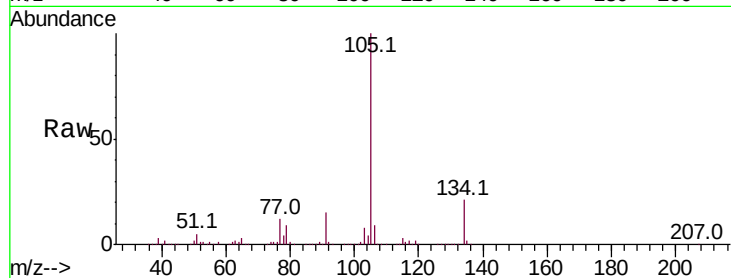
VSTDCCC050

Tot Ion:105 Resp: 1507353

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 52.153 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

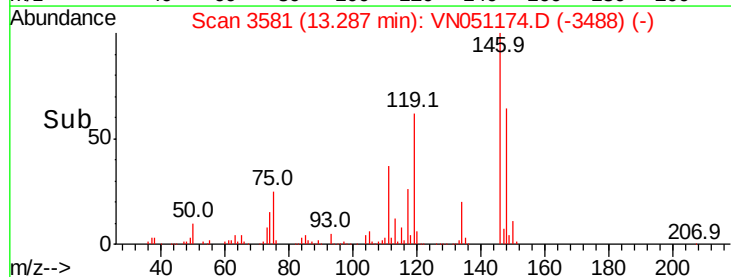
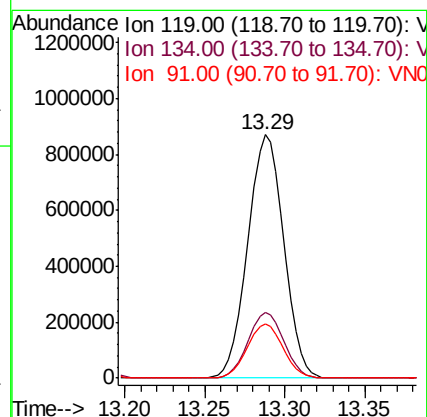
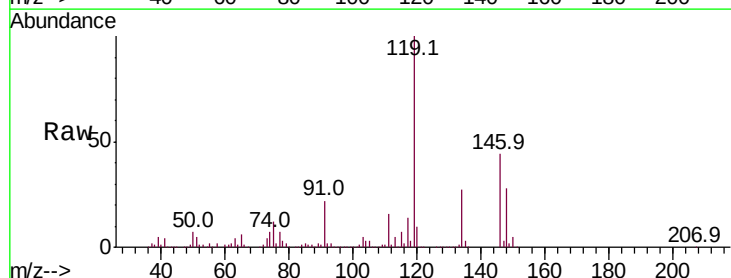
Tgt Ion:119 Resp: 1333271

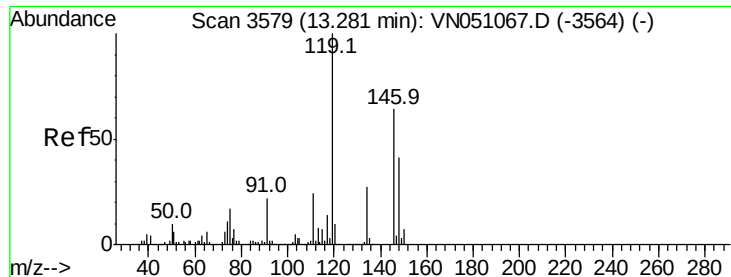
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 47.216 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

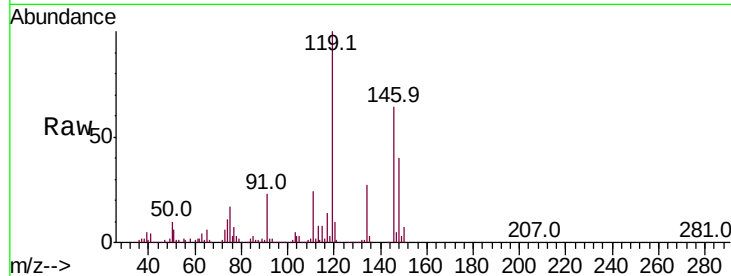
Tot Ion:146 Resp: 708687

Ion Ratio Lower Upper

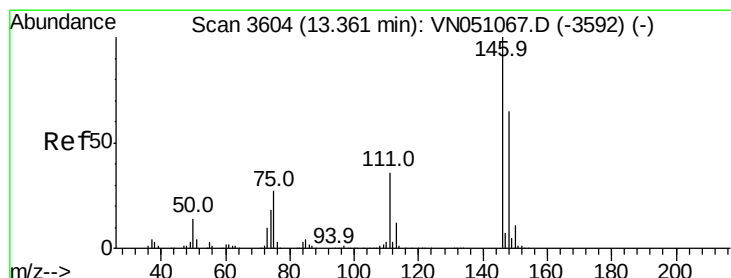
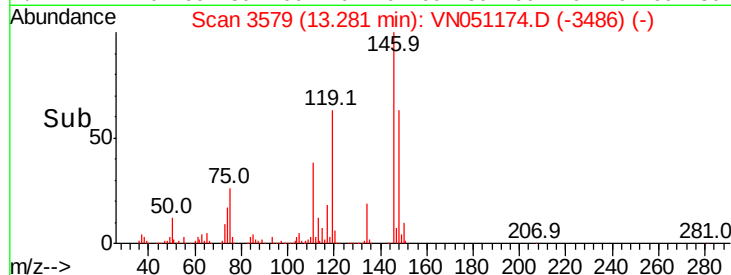
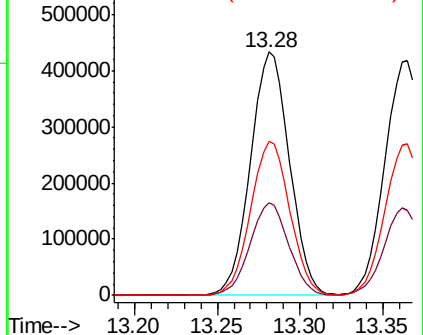
146 100

111 37.6 19.1 57.1

148 63.6 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 49.746 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

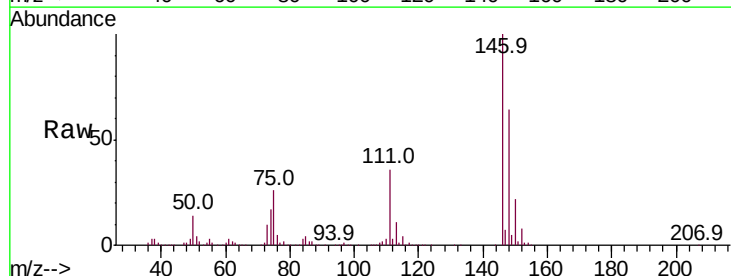
Tgt Ion:146 Resp: 685529

Ion Ratio Lower Upper

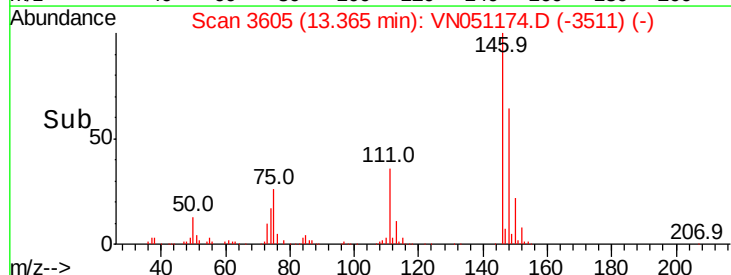
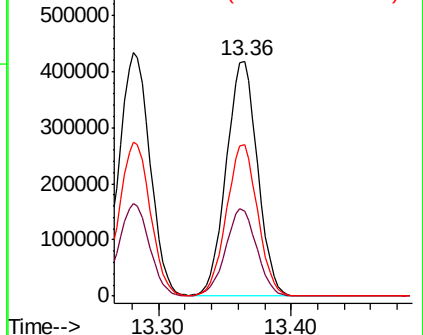
146 100

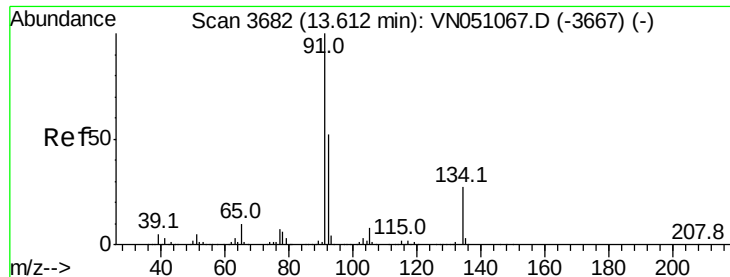
111 37.1 18.4 55.0

148 64.2 32.2 96.6



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

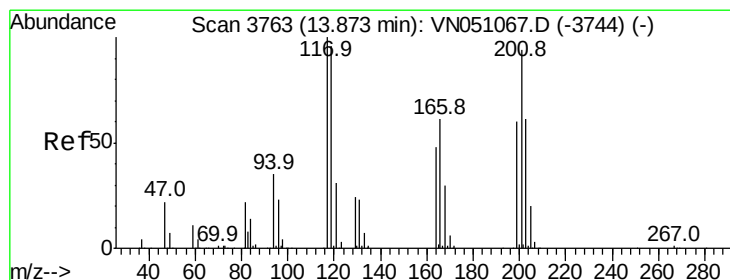
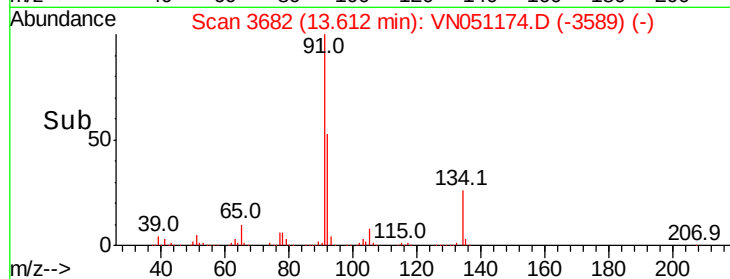
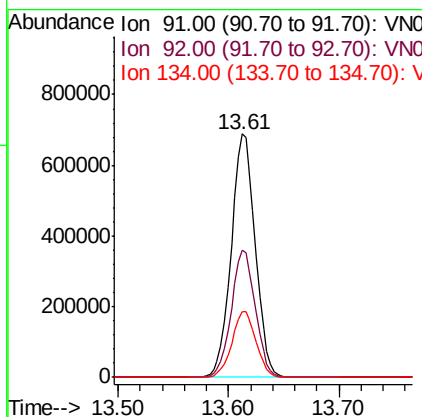
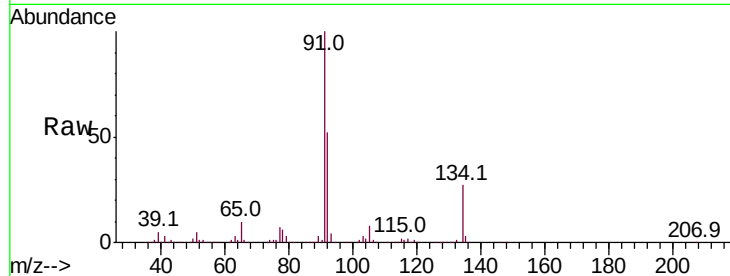




#89
n-Butylbenzene
Concen: 52.060 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

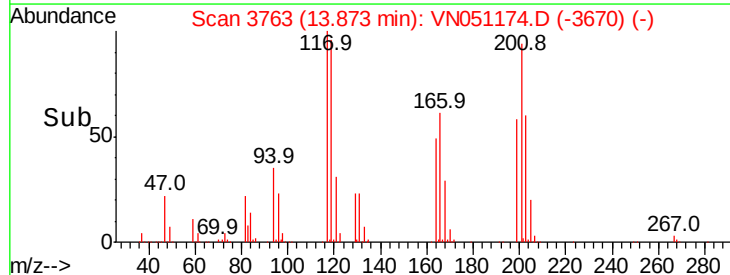
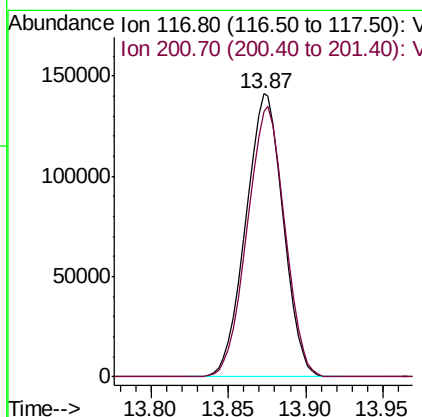
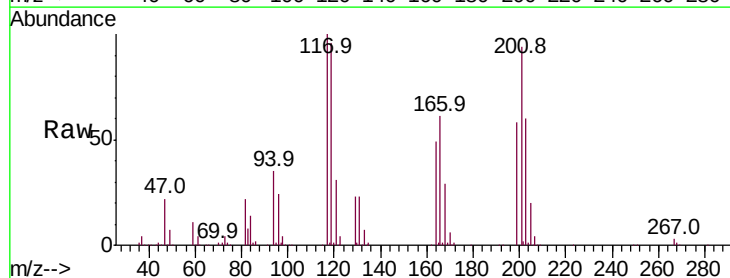
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

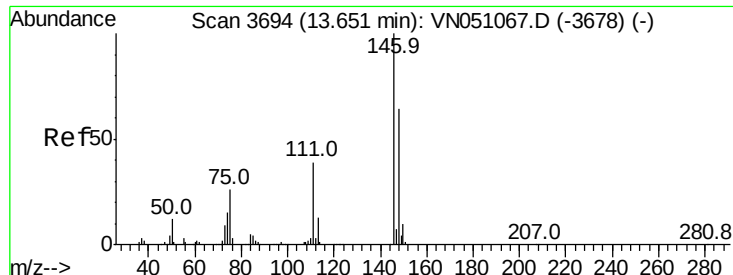
Tot Ion: 91 Resp: 1035811
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.6
134 27.3 13.7 41.1



#90
Hexachloroethane
Concen: 51.170 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051174.D
Acq: 14 Sep 2018 8:23

Tgt Ion: 117 Resp: 238095
Ion Ratio Lower Upper
117 100
201 95.8 47.3 142.0





#91

1,2-Dichlorobenzene

Concen: 46.146 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

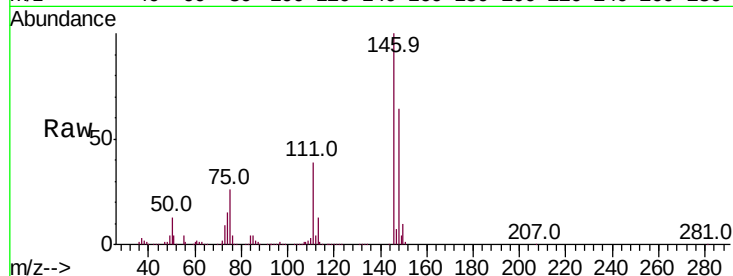
Tot Ion:146 Resp: 674923

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

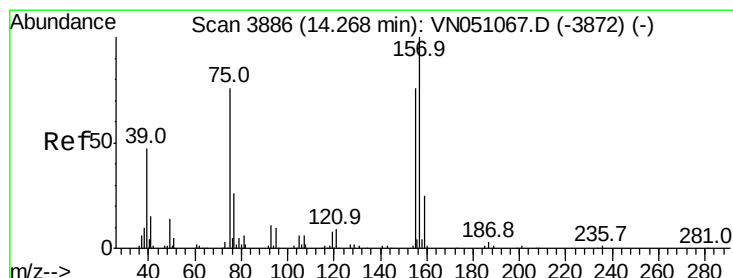
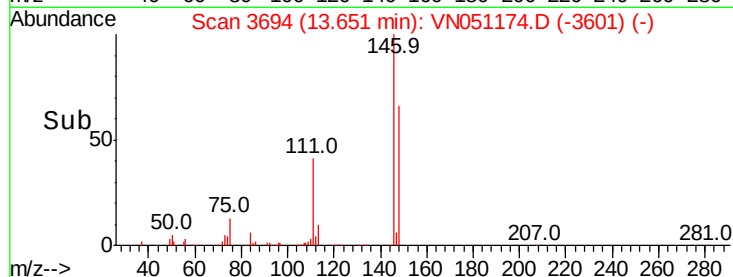
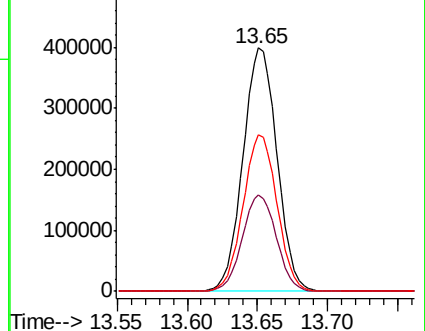
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.057 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

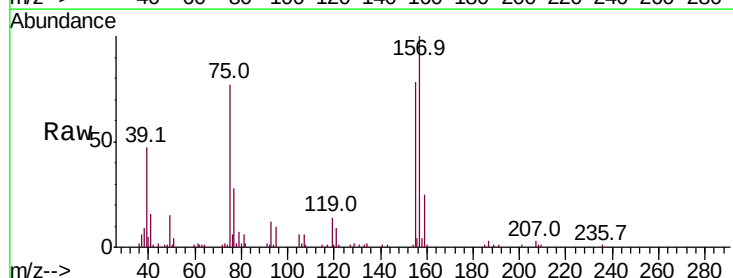
Tgt Ion: 75 Resp: 44915

Ion Ratio Lower Upper

75 100

155 99.0 48.7 146.1

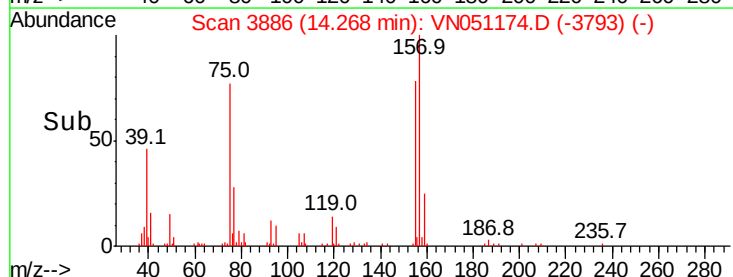
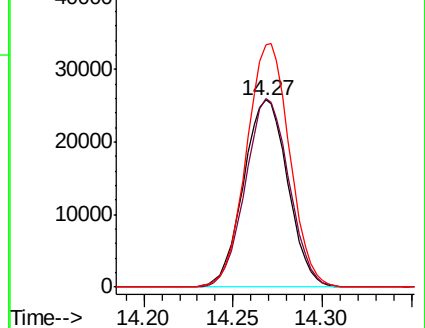
157 126.5 63.6 190.9

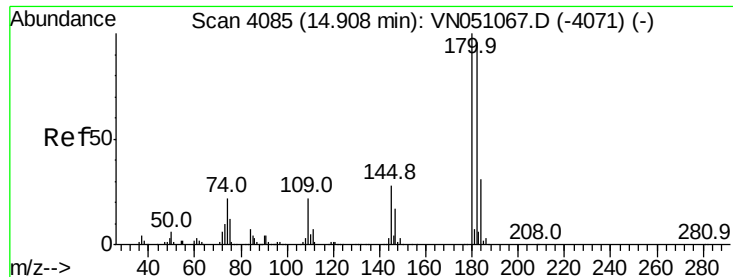


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

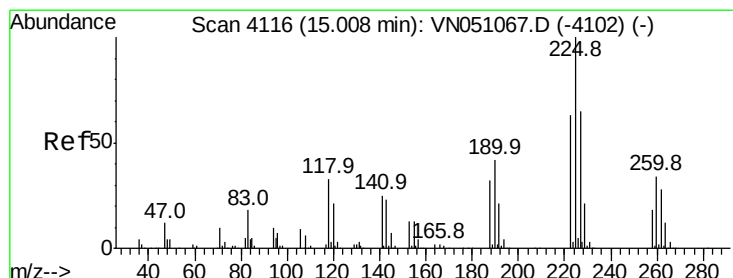
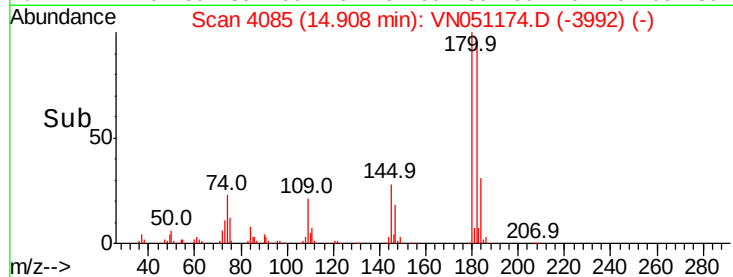
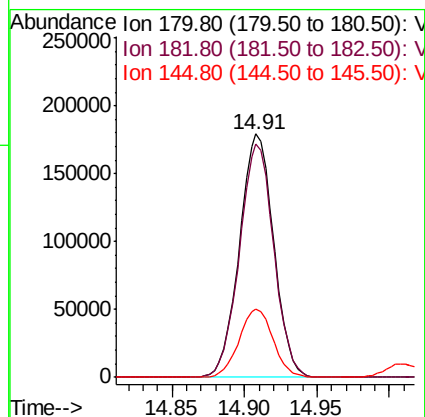
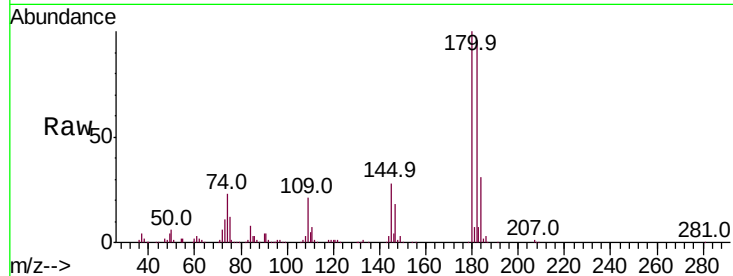




#93
 1,2,4-Trichlorobenzene
 Concen: 42.245 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

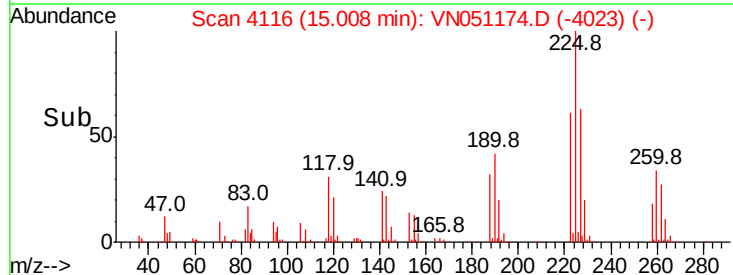
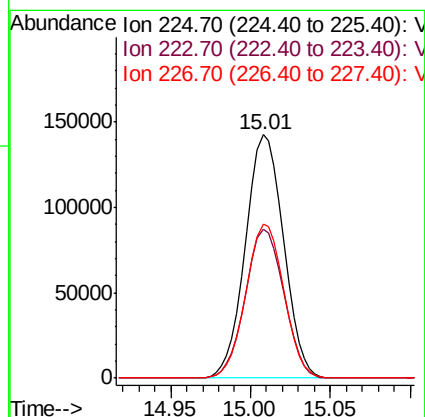
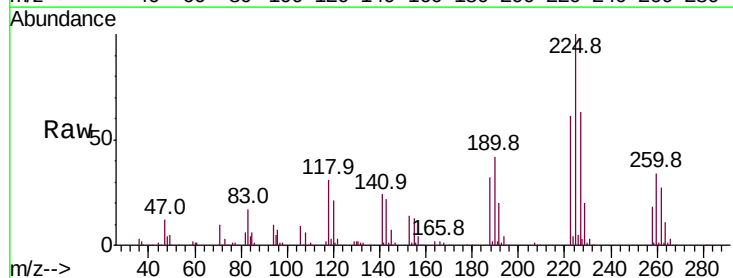
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

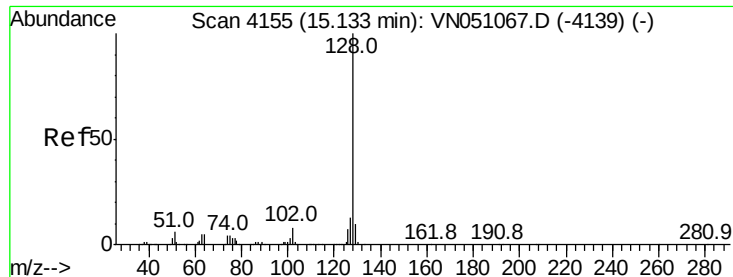
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	141.8
145	28.0	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 54.480 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN051174.D
 Acq: 14 Sep 2018 8:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.0
227	63.0	32.1	96.3





#95

Naphthalene

Concen: 36.099 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Instrument :

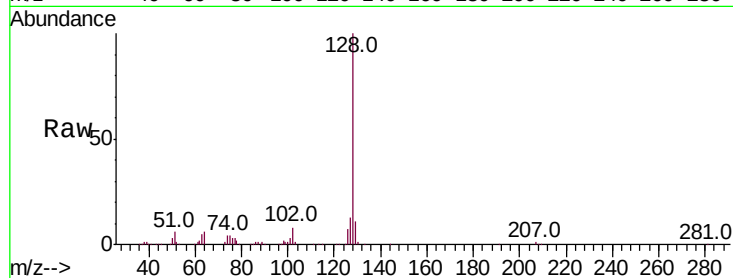
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 508580

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.0	8.6	12.8

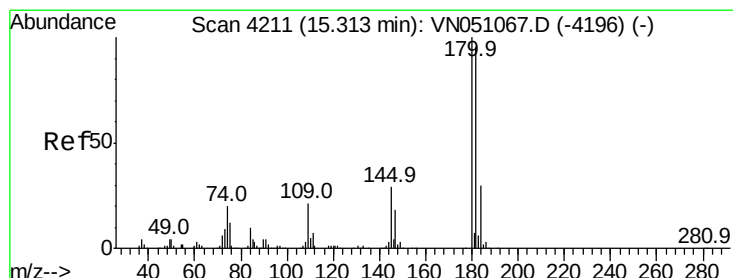
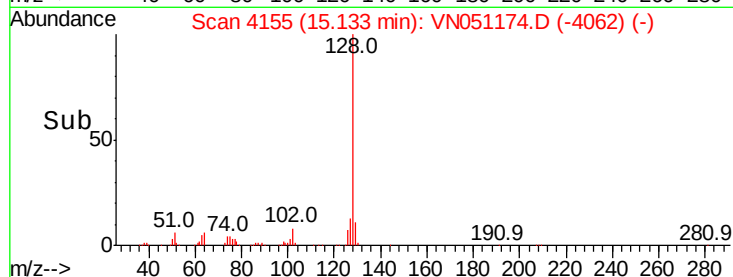
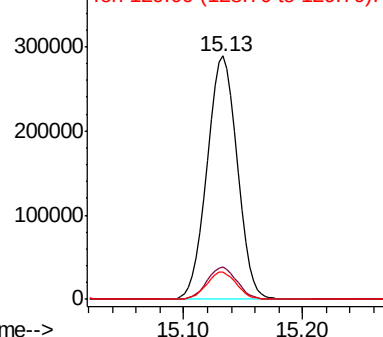


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 42.759 ug/l

RT: 15.31 min Scan# 4211

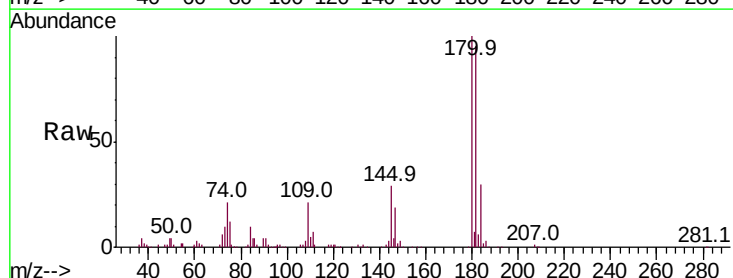
Delta R.T. 0.00 min

Lab File: VN051174.D

Acq: 14 Sep 2018 8:23

Tgt Ion:180 Resp: 285663

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	29.2	14.6	43.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

