

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054888.D
 Acq On : 1 Apr 2019 21:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 02 04:26:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	374609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	633241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	554930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	244859	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	286133	56.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.32%	
35) Dibromofluoromethane	7.59	113	228140	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
50) Toluene-d8	10.09	98	851934	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
62) 4-Bromofluorobenzene	12.40	95	288247	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	184713	48.748	ug/l	100
3) Chloromethane	2.06	50	270029	51.539	ug/l	100
4) Vinyl Chloride	2.19	62	245168	52.109	ug/l	100
5) Bromomethane	2.57	94	135498	55.162	ug/l	94
6) Chloroethane	2.71	64	138782	52.825	ug/l	99
7) Trichlorofluoromethane	3.03	101	311179	53.796	ug/l	99
8) Diethyl Ether	3.41	74	104057	55.867	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	3.75	101	159326	52.323	ug/l	93
10) Methyl Iodide	3.95	142	224922	53.957	ug/l #	87
11) Tert butyl alcohol	4.82	59	71633	272.260	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	158069	53.680	ug/l #	72
13) Acrolein	3.61	56	94019	399.721	ug/l	95
14) Allyl chloride	4.32	41	382453	52.730	ug/l #	92
15) Acrylonitrile	5.00	53	409136	279.766	ug/l	99
16) Acetone	3.82	43	284981	236.654	ug/l #	82
17) Carbon Disulfide	4.04	76	482870	50.558	ug/l	98
18) Methyl Acetate	4.33	43	183410	58.634	ug/l #	87
19) Methyl tert-butyl Ether	5.05	73	562549	54.615	ug/l	96
20) Methylene Chloride	4.55	84	227648	53.593	ug/l #	82
21) trans-1,2-Dichloroethene	5.04	96	206602	53.416	ug/l #	84
22) Diisopropyl ether	5.96	45	812004	56.604	ug/l #	94
23) Vinyl Acetate	5.90	43	2860286	286.516	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	425477	55.601	ug/l	98
25) 2-Butanone	6.85	43	498713	280.168	ug/l #	89
26) 2,2-Dichloropropane	6.82	77	274476	51.175	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	242881	55.588	ug/l	89
28) Bromochloromethane	7.19	49	215630	56.352	ug/l #	72
29) Tetrahydrofuran	7.22	42	336843	272.454	ug/l #	83
30) Chloroform	7.37	83	410964	56.321	ug/l	99
31) Cyclohexane	7.65	56	382372	55.047	ug/l	87
32) 1,1,1-Trichloroethane	7.57	97	339664	56.171	ug/l	95
36) 1,1-Dichloropropene	7.79	75	304917	51.676	ug/l	96
37) Ethyl Acetate	6.94	43	219790	50.794	ug/l	96
38) Carbon Tetrachloride	7.77	117	289495	50.513	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	324405	50.008	ug/l	90
40) Benzene	8.04	78	916441	54.279	ug/l	99
41) Methacrylonitrile	7.17	41	139314	57.314	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	322737	53.535	ug/l	97
43) Isopropyl Acetate	8.17	43	392099	55.768	ug/l #	94
44) Trichloroethene	8.83	130	233560	53.290	ug/l	90
45) 1,2-Dichloropropane	9.12	63	256085	53.193	ug/l	99
46) Dibromomethane	9.21	93	144807	53.469	ug/l	88
47) Bromodichloromethane	9.40	83	314899	55.948	ug/l	99
48) Methyl methacrylate	9.20	41	198881	52.183	ug/l	88
49) 1,4-Dioxane	9.20	88	43624	1153.585	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	1111024	281.065	ug/l	92
52) Toluene	10.16	92	547903	54.536	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	297923	56.270	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	357406	56.511	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	200394	53.643	ug/l	95
56) Ethyl methacrylate	10.43	69	265702	54.220	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	354846	55.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	491208	233.416	ug/l	90
59) 2-Hexanone	10.75	43	679425	268.494	ug/l	90
60) Dibromochloromethane	10.90	129	217949	57.595	ug/l	100
61) 1,2-Dibromoethane	11.00	107	193870	54.305	ug/l	99
64) Tetrachloroethene	10.63	164	219829	51.623	ug/l	97
65) Chlorobenzene	11.43	112	577107	53.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	223659	54.997	ug/l	99
67) Ethyl Benzene	11.51	91	1040585	53.074	ug/l	99
68) m/p-Xylenes	11.62	106	766341	105.621	ug/l	94
69) o-Xylene	11.95	106	373559	52.505	ug/l	94
70) Styrene	11.96	104	634010	55.733	ug/l	98
71) Bromoform	12.13	173	134822	56.590	ug/l #	98
73) Isopropylbenzene	12.25	105	1001105	50.021	ug/l	98
74) N-amyl acetate	12.07	43	319036	51.168	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	246722	56.131	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	292846	68.844	ug/l #	100
77) Bromobenzene	12.53	156	248696	51.487	ug/l	86
78) n-propylbenzene	12.59	91	1111739	50.540	ug/l	96
79) 2-Chlorotoluene	12.67	91	685727	50.388	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	816817	49.739	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	53595	49.009	ug/l #	83
82) 4-Chlorotoluene	12.77	91	661895	50.074	ug/l	96
83) tert-Butylbenzene	12.99	119	700581	55.280	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	822035	52.542	ug/l	96
85) sec-Butylbenzene	13.17	105	901623	50.541	ug/l	97
86) p-Isopropyltoluene	13.29	119	776821	49.372	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	413183	51.092	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	396981	50.050	ug/l	98
89) n-Butylbenzene	13.61	91	631055	49.158	ug/l	97
90) Hexachloroethane	13.87	117	138344	51.787	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	412585	50.552	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35404	51.746	ug/l	85

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Quant Title : SW846 8260
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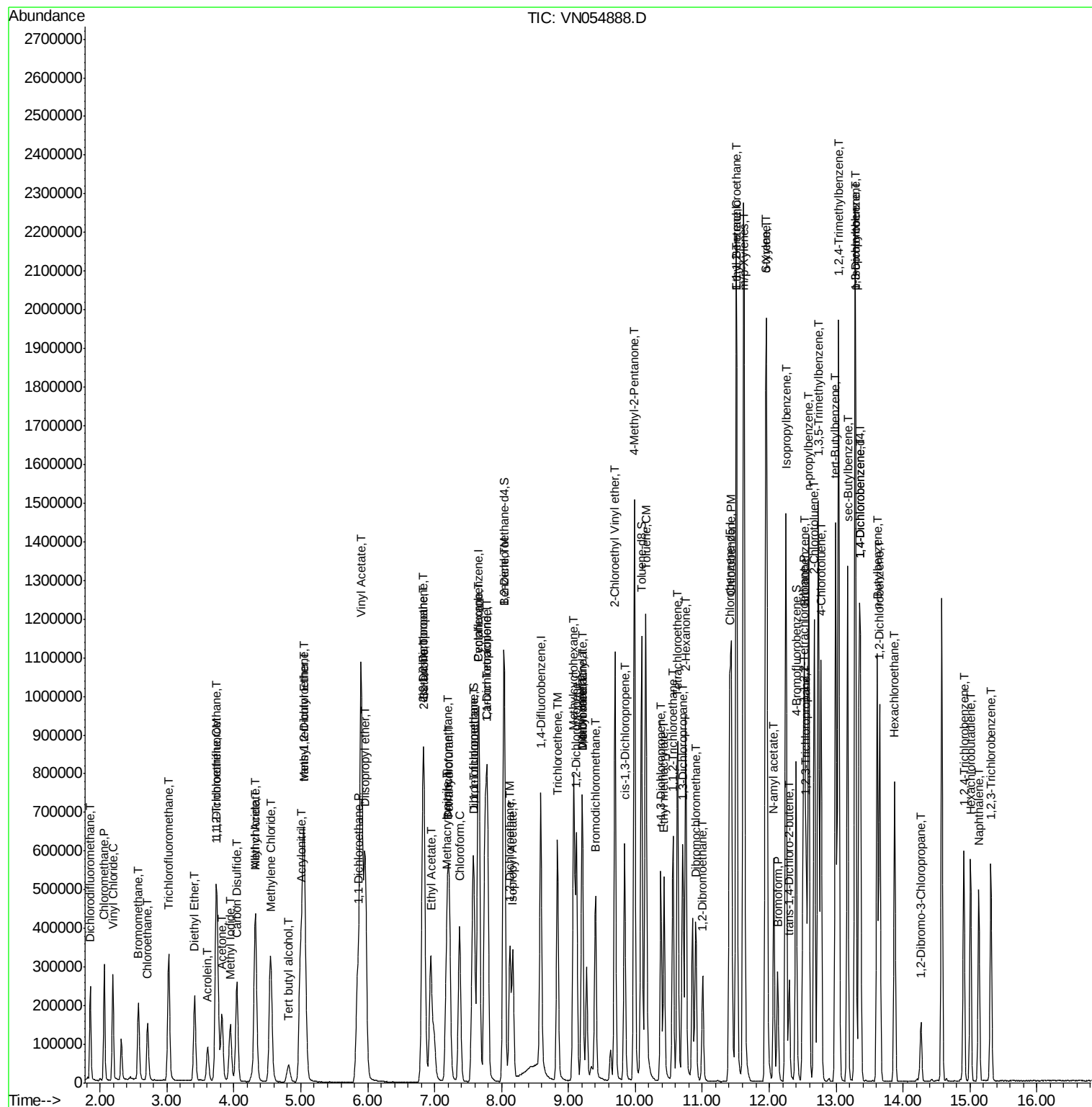
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	191077	48.561	ug/l	98
94) Hexachlorobutadiene	15.01	225	112389	48.152	ug/l	98
95) Naphthalene	15.13	128	421351	47.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	193547	48.706	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

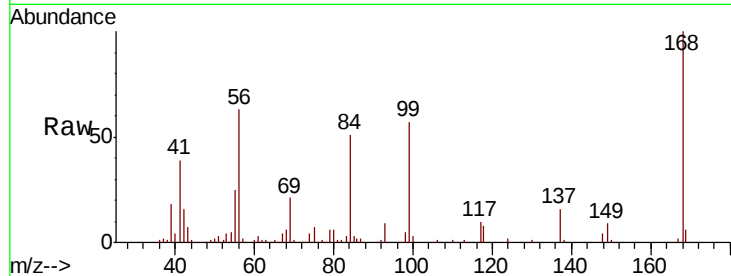
VSTDCCC050EC

Tot Ion:168 Resp: 374609

Ion Ratio Lower Upper

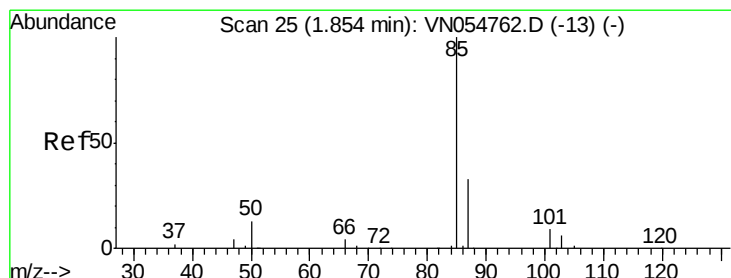
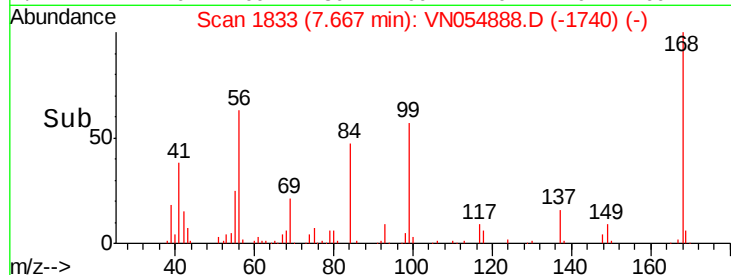
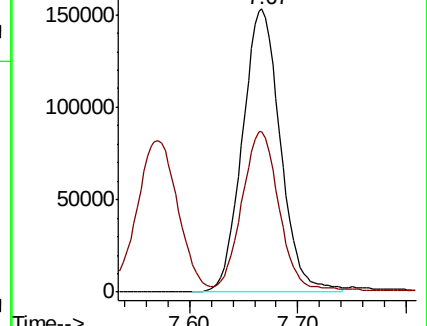
168 100

99 55.7 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 48.748 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054888.D

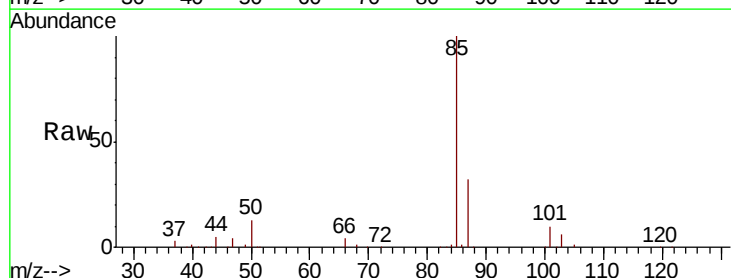
Acq: 1 Apr 2019 21:13

Tgt Ion: 85 Resp: 184713

Ion Ratio Lower Upper

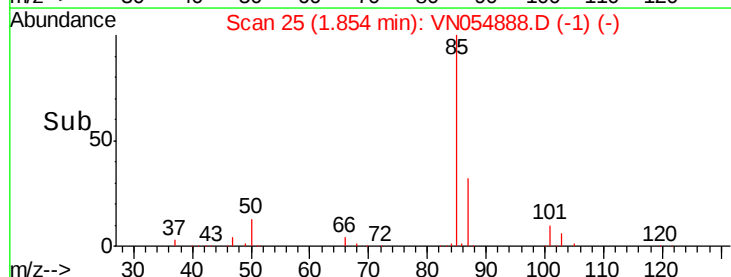
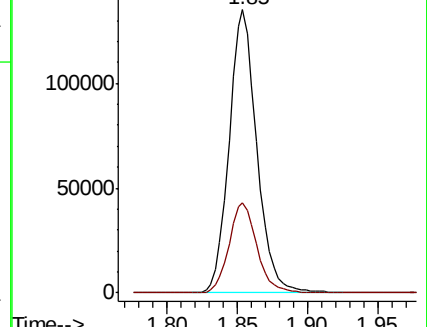
85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 51.539 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

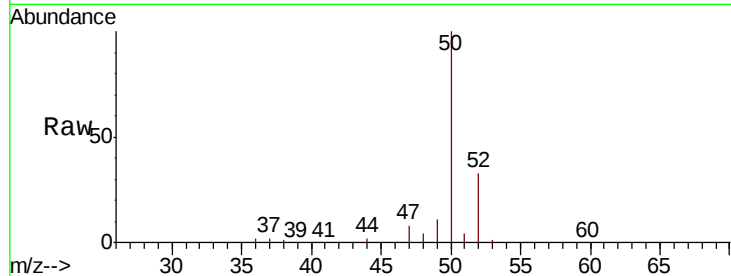
VSTDCCC050EC

Tot Ion: 50 Resp: 270029

Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.06

200000

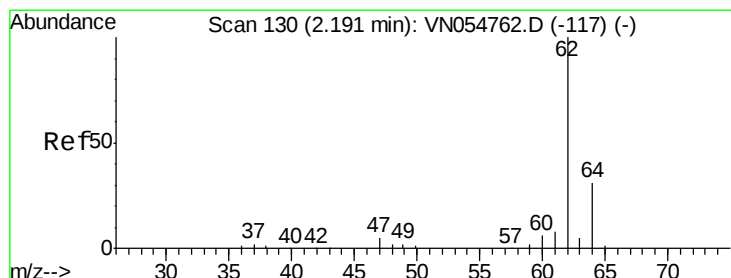
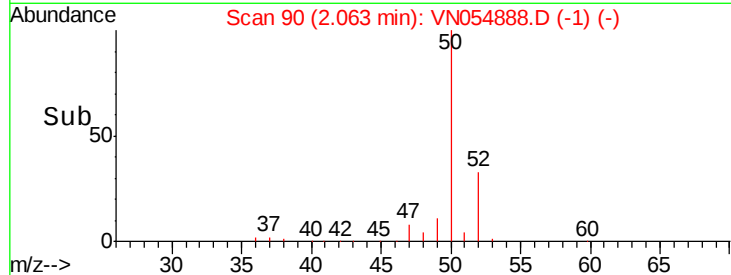
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.109 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054888.D

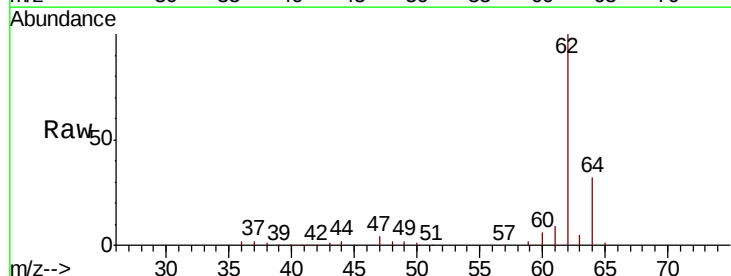
Acq: 1 Apr 2019 21:13

Tgt Ion: 62 Resp: 245168

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.19

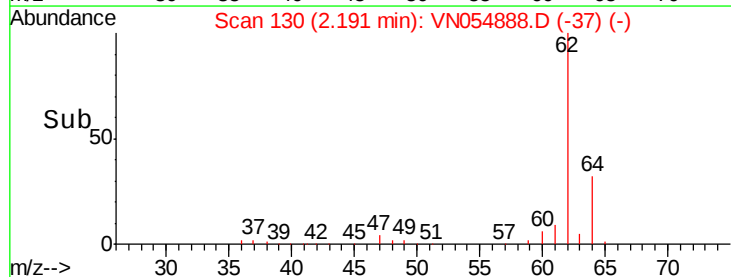
150000

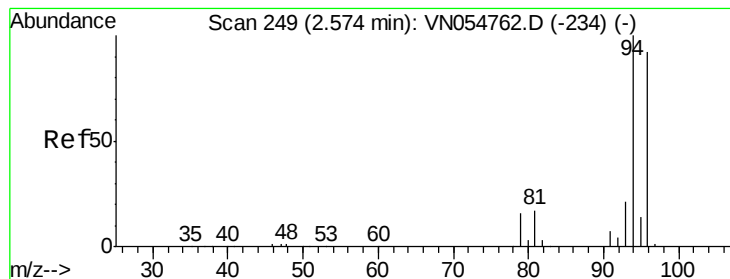
100000

50000

0

Time-->





#5

Bromomethane

Concen: 55.162 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

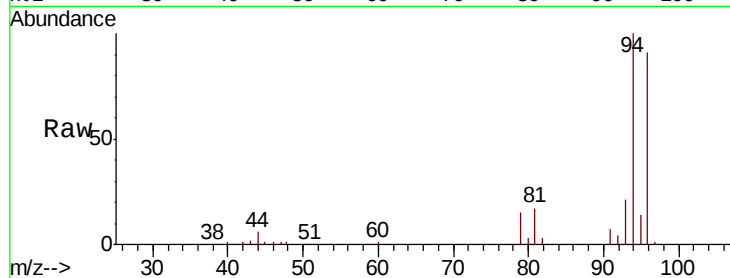
VSTDCCC050EC

Tot Ion: 94 Resp: 135498

Ion Ratio Lower Upper

94 100

96 90.7 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN054888.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054888.D (-156) (-)

2.57

80000

60000

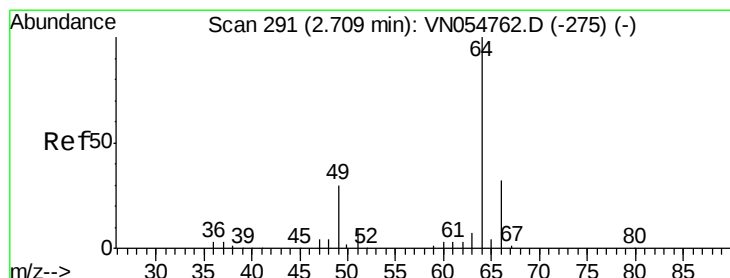
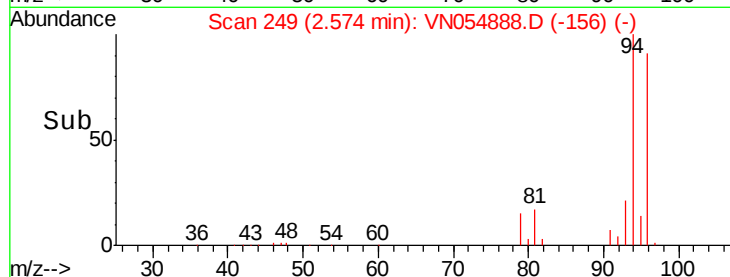
40000

20000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 52.825 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054888.D

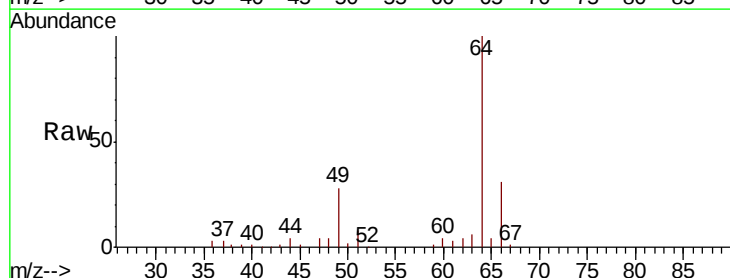
Acq: 1 Apr 2019 21:13

Tgt Ion: 64 Resp: 138782

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN054888.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN054888.D (-198) (-)

2.71

80000

60000

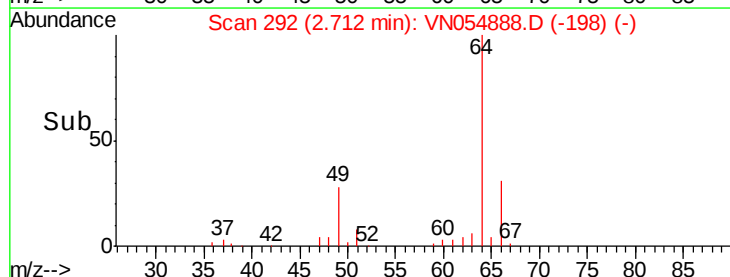
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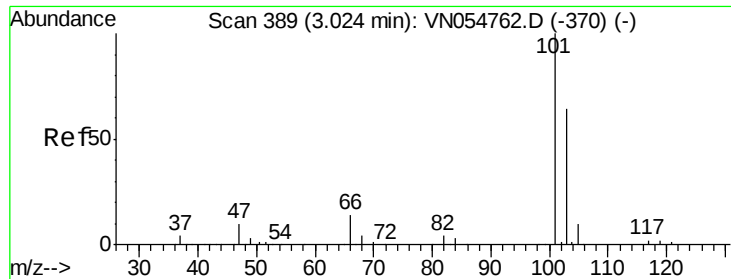
20000

0

Time-->

2.65 2.70 2.75 2.80



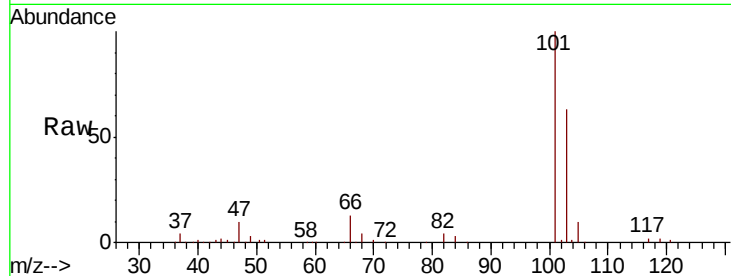


#7

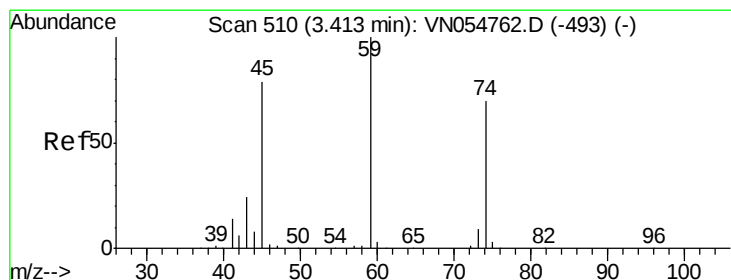
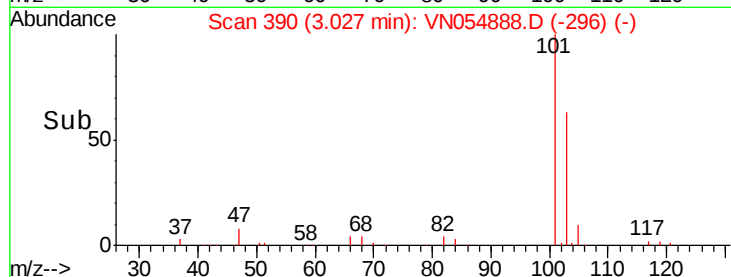
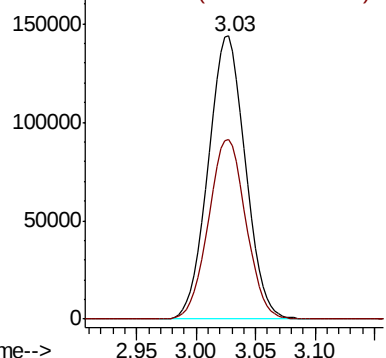
Trichlorofluoromethane
 Concen: 53.796 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Instrument :
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Tot Ion:101 Resp: 311179
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2



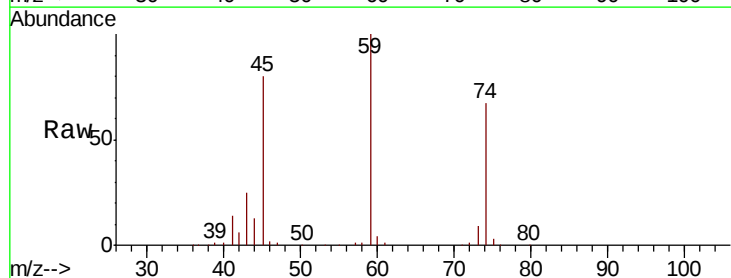
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



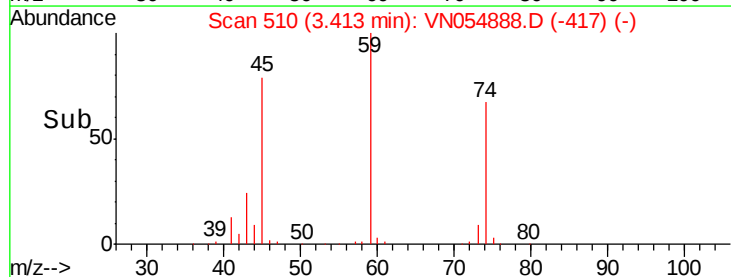
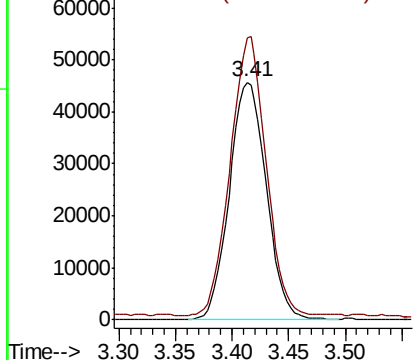
#8

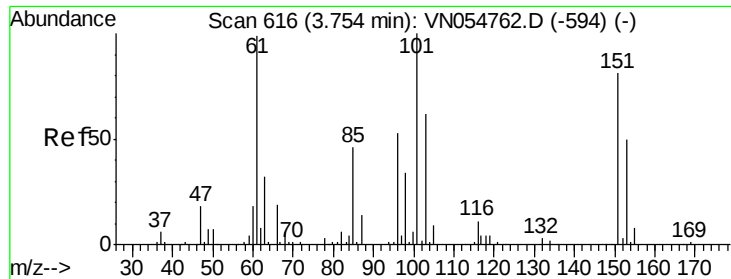
Diethyl Ether
 Concen: 55.867 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN054888.D
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Tgt Ion: 74 Resp: 104057
 Ion Ratio Lower Upper
 74 100
 45 113.7 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.323 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

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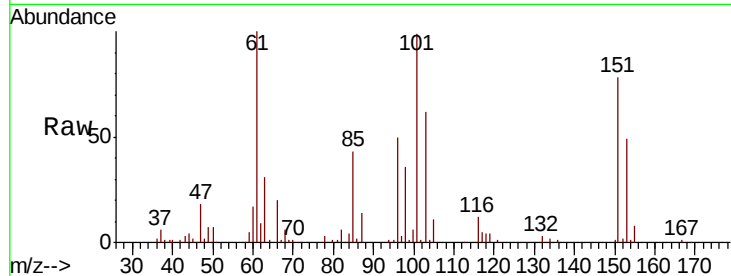
Tot Ion:101 Resp: 159326

Ion Ratio Lower Upper

101 100

85 45.9 32.4 48.6

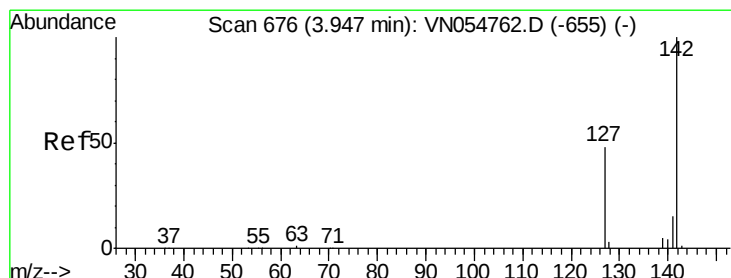
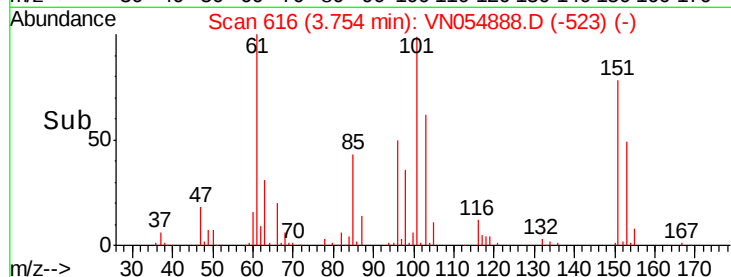
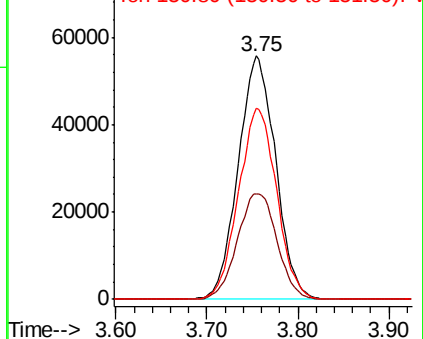
151 80.1 68.2 102.2



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: 53.957 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

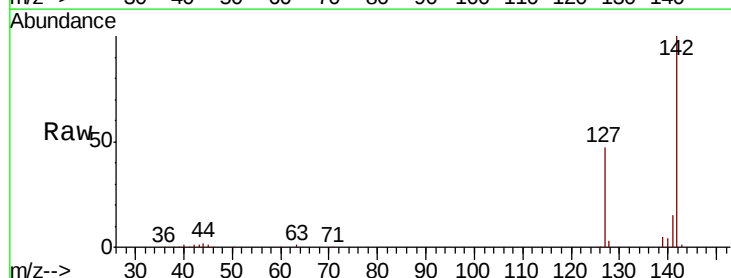
Tgt Ion:142 Resp: 224922

Ion Ratio Lower Upper

142 100

127 48.2 30.3 45.5#

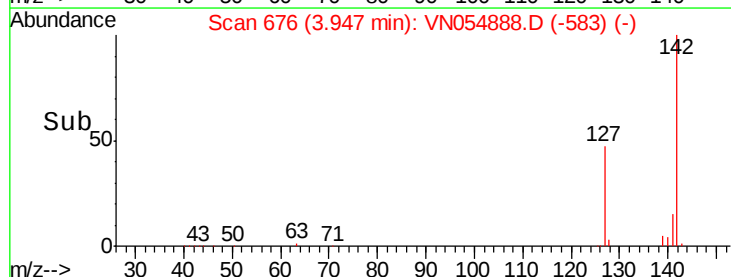
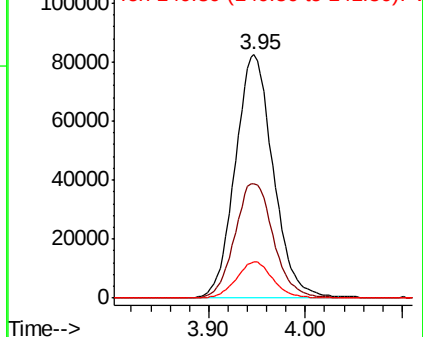
141 14.4 11.2 16.8

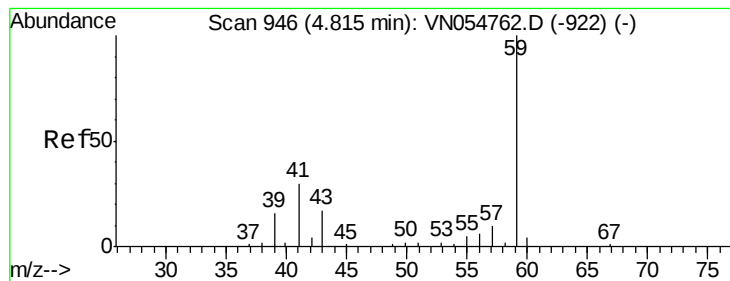


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



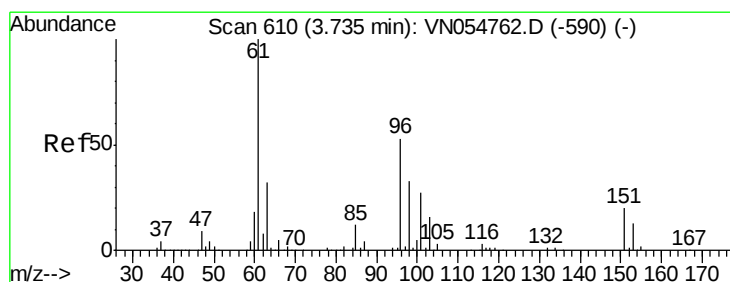
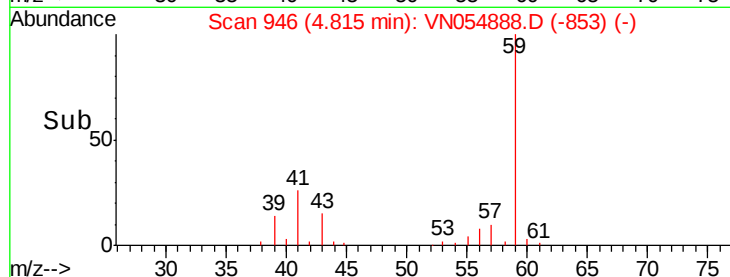
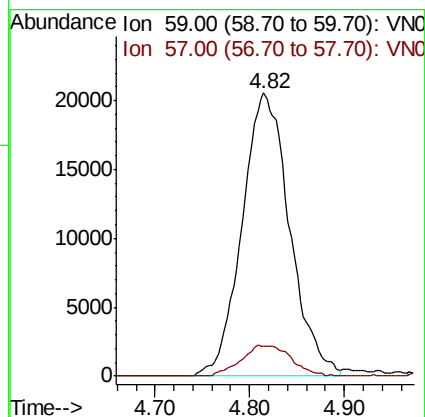
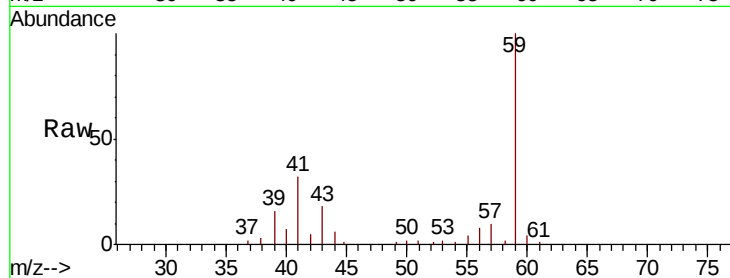


#11

Tert butyl alcohol
Concen: 272.260 ug/l
RT: 4.82 min Scan# 946
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

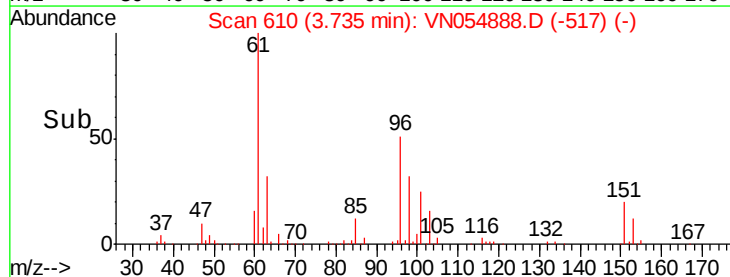
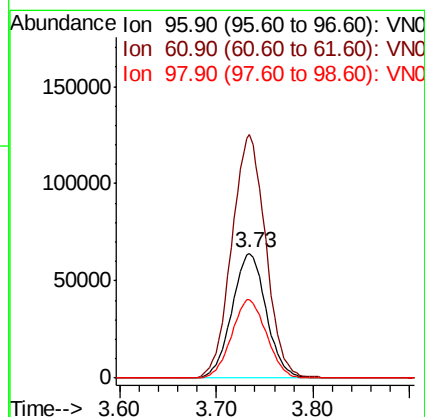
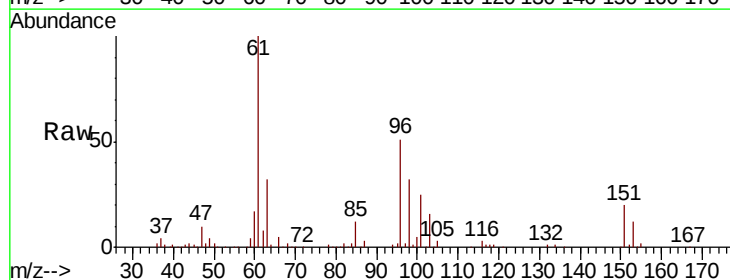
Tot Ion: 59 Resp: 71633
Ion Ratio Lower Upper
59 100
57 6.0 9.0 13.6#

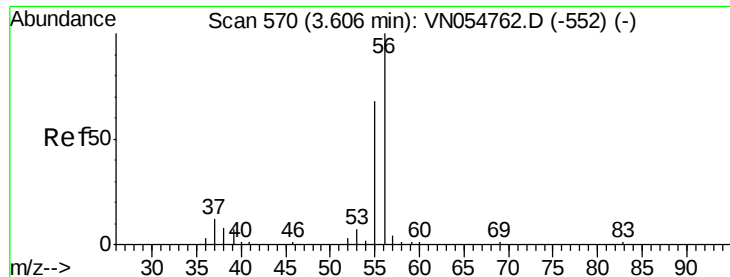


#12

1,1-Dichloroethene
Concen: 53.680 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 96 Resp: 158069
Ion Ratio Lower Upper
96 100
61 194.7 116.5 174.7#
98 62.6 51.0 76.4





#13

Acrolein

Concen: 399.721 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

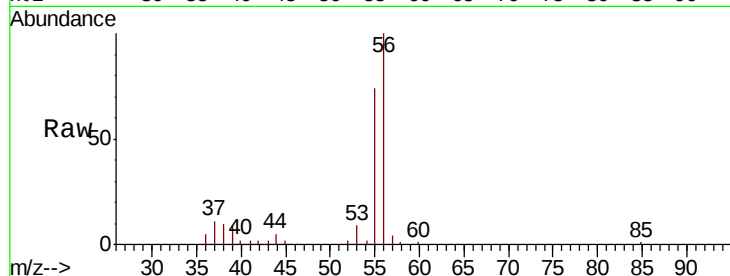
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 94019

Ion Ratio Lower Upper

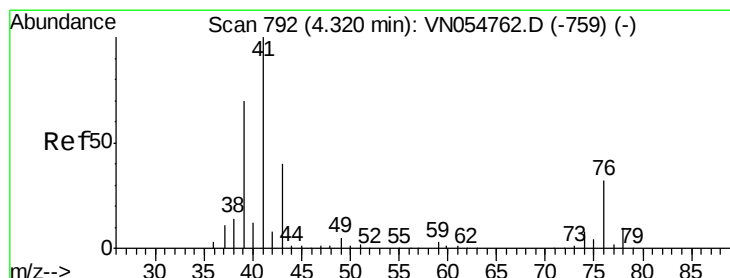
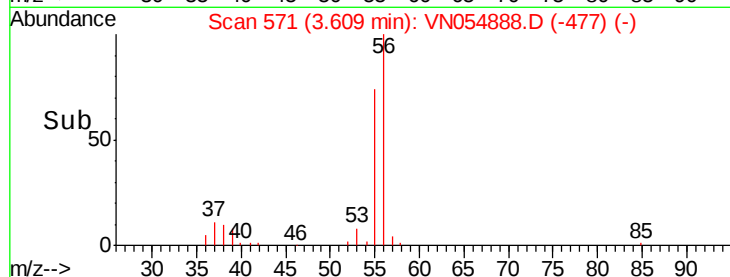
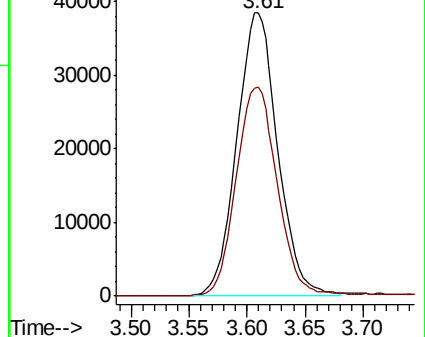
56 100

55 74.7 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 52.730 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

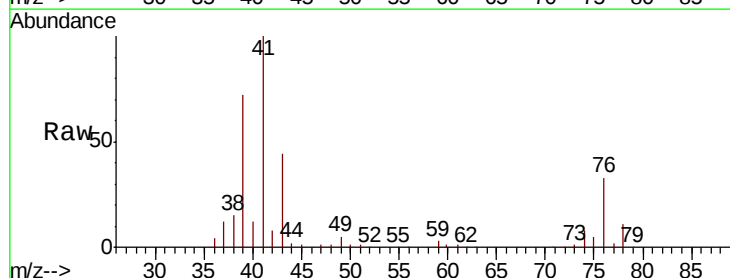
Tgt Ion: 41 Resp: 382453

Ion Ratio Lower Upper

41 100

39 69.3 58.2 87.4

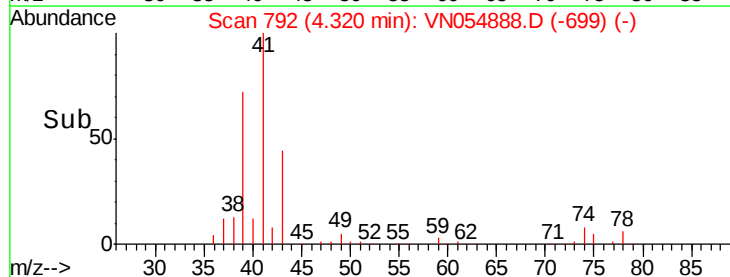
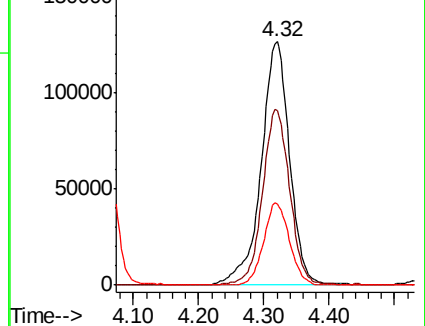
76 30.9 31.7 47.5#

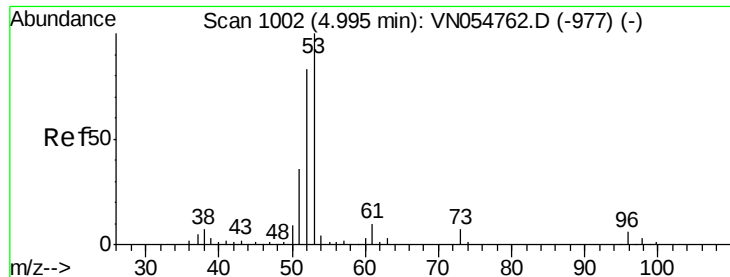


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

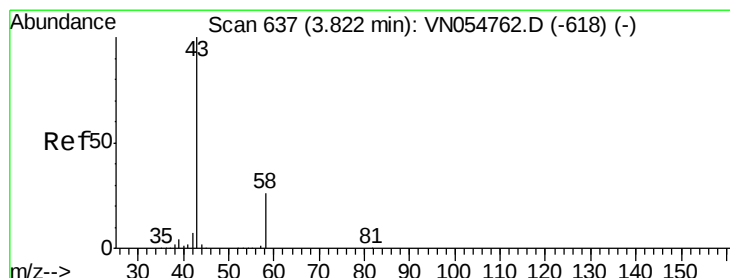
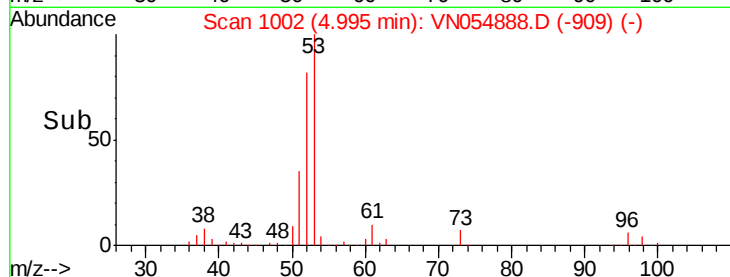
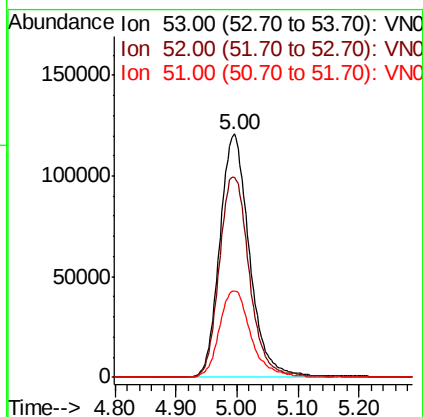
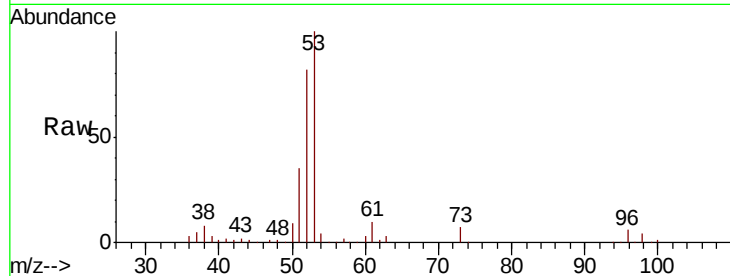




#15
 Acrylonitrile
 Concen: 279.766 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

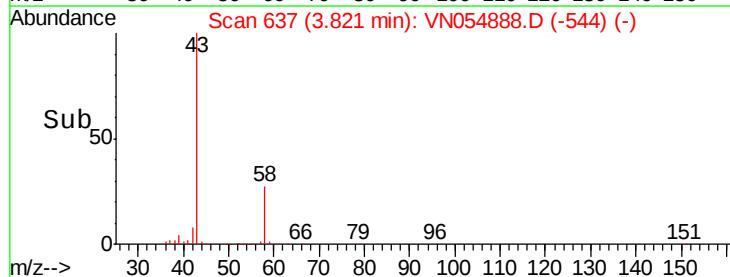
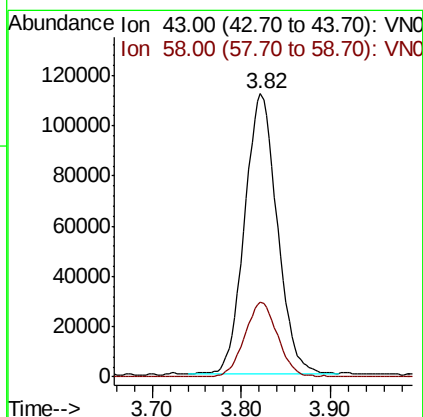
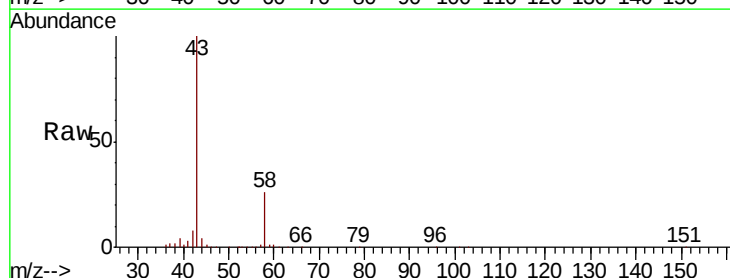
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

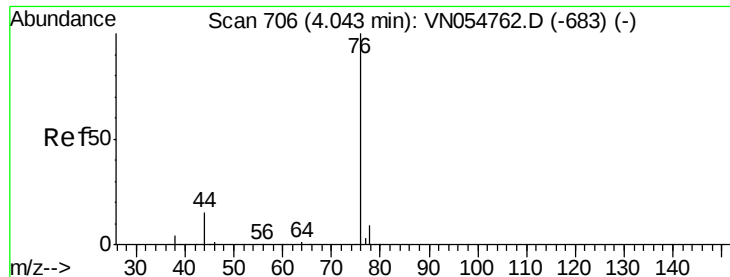
Tot Ion: 53 Resp: 409136
 Ion Ratio Lower Upper
 53 100
 52 83.4 66.4 99.6
 51 37.7 29.6 44.4



#16
 Acetone
 Concen: 236.654 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion: 43 Resp: 284981
 Ion Ratio Lower Upper
 43 100
 58 26.7 29.9 44.9#

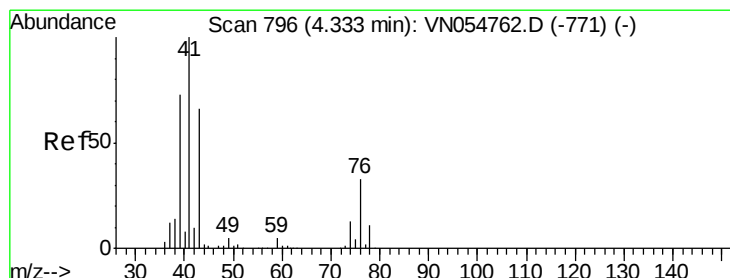
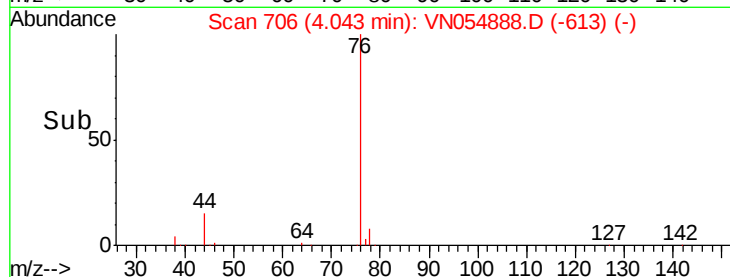
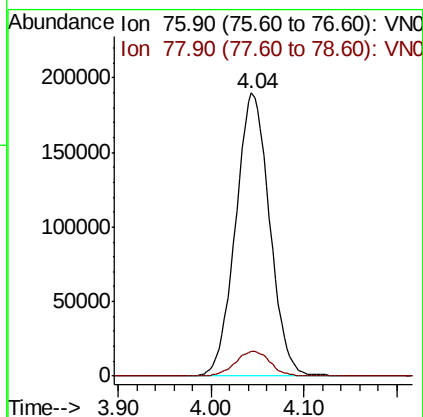
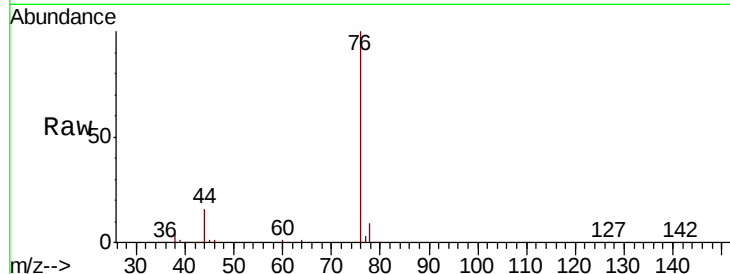




#17
Carbon Disulfide
Concen: 50.558 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

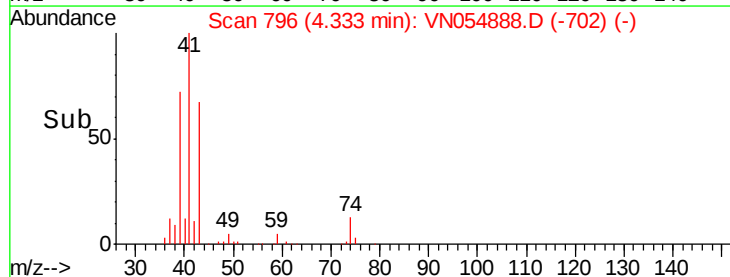
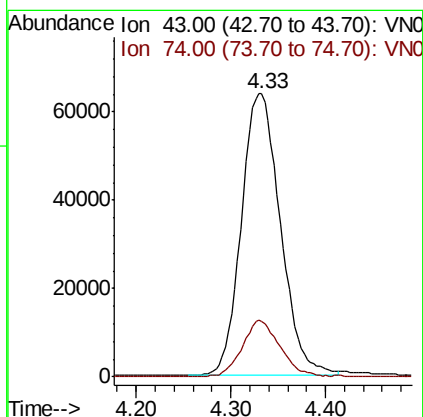
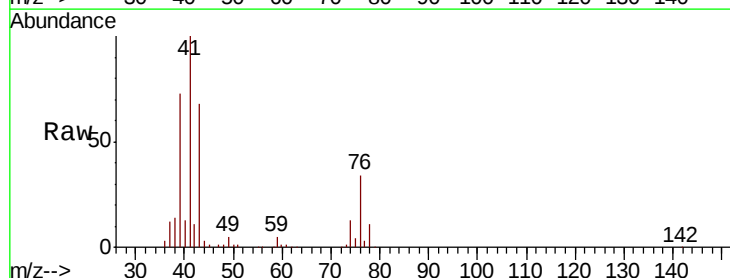
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

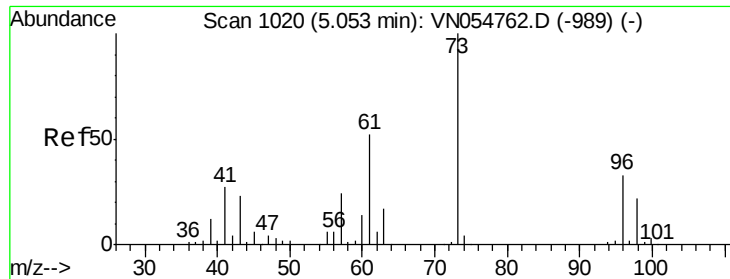
Tot Ion: 76 Resp: 482870
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 58.634 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 43 Resp: 183410
Ion Ratio Lower Upper
43 100
74 19.4 20.8 31.2#

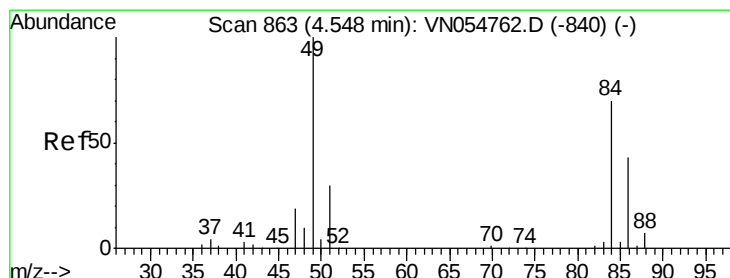
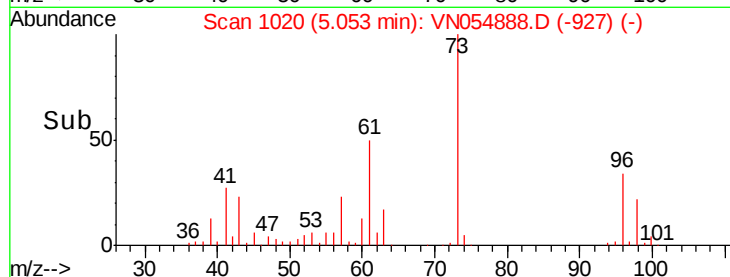
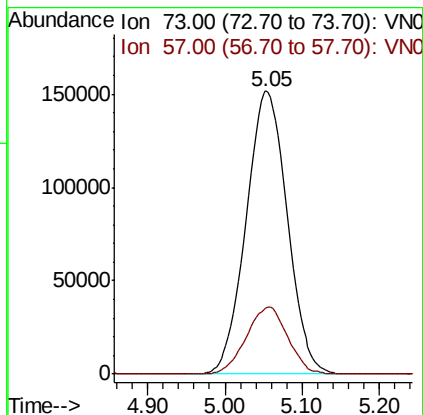
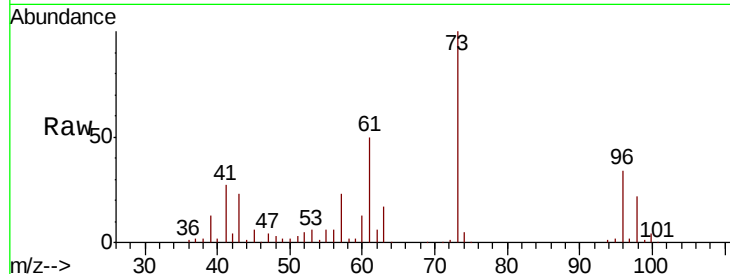




#19
Methvl tert-butvl Ether
Concen: 54.615 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

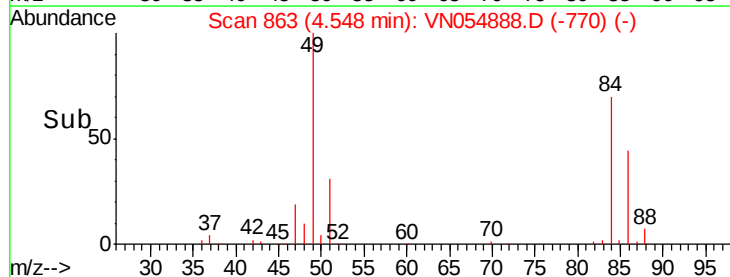
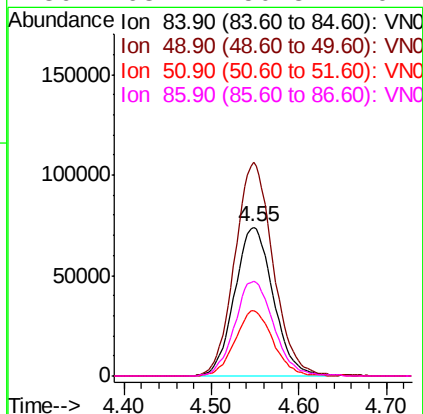
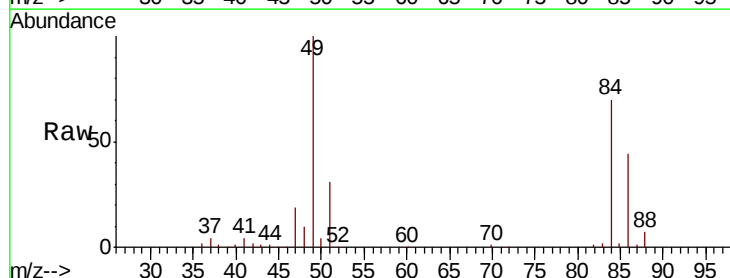
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

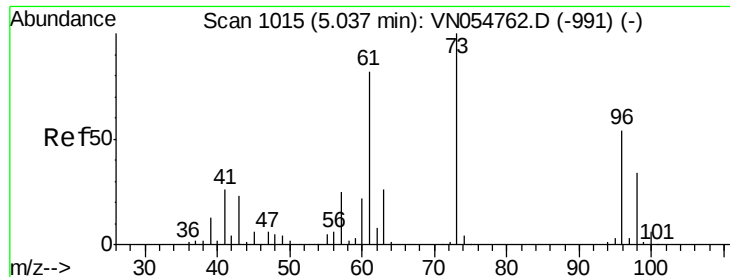
Tot Ion: 73 Resp: 562549
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2



#20
Methylene Chloride
Concen: 53.593 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 84 Resp: 227648
Ion Ratio Lower Upper
84 100
49 143.3 89.7 134.5#
51 44.2 28.2 42.4#
86 63.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 53.416 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

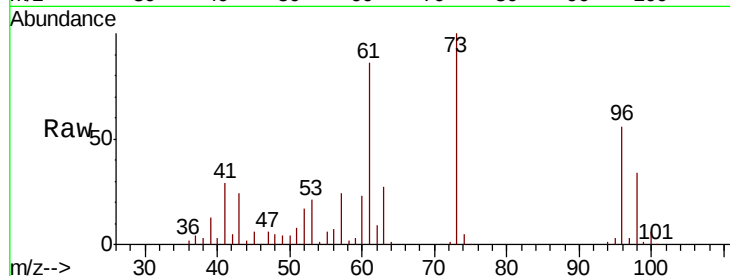
Tot Ion: 96 Resp: 206602

Ion Ratio Lower Upper

96 100

61 154.3 102.8 154.2#

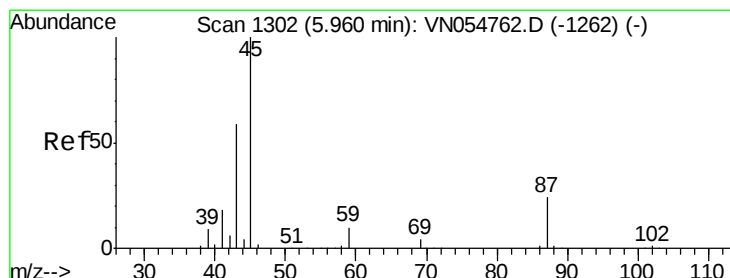
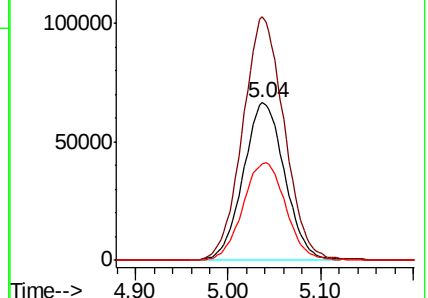
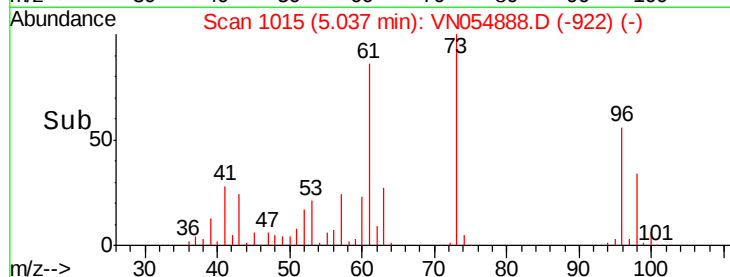
98 60.7 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VN054888.D (-1209) (-)

Ion 60.90 (60.60 to 61.60): VN054888.D (-1209) (-)

Ion 97.90 (97.60 to 98.60): VN054888.D (-1209) (-)



#22

Diisopropyl ether

Concen: 56.604 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Tgt Ion: 45 Resp: 812004

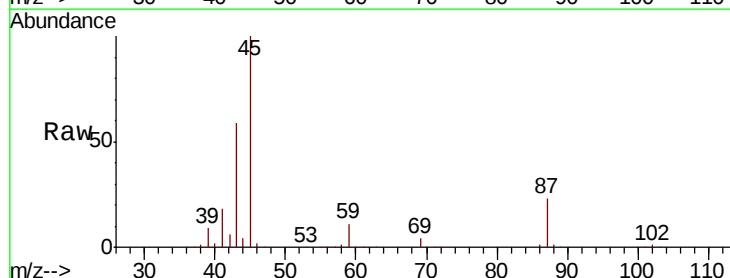
Ion Ratio Lower Upper

45 100

43 58.4 48.2 72.2

87 22.9 24.9 37.3#

59 10.7 9.5 14.3

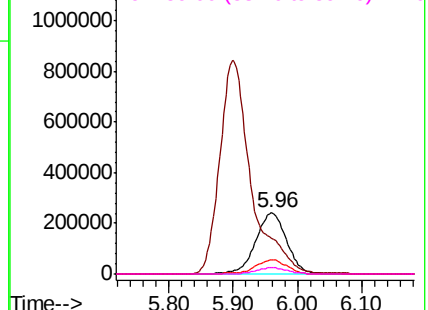
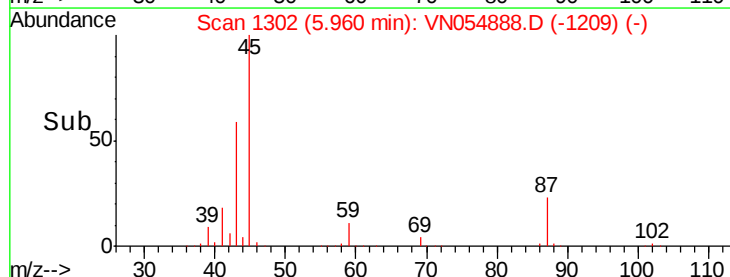


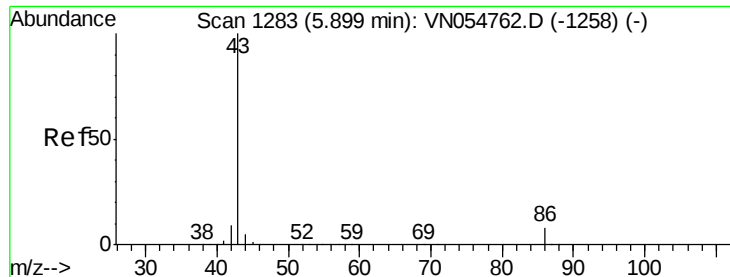
Abundance Ion 45.00 (44.70 to 45.70): VN054888.D (-1209) (-)

Ion 43.00 (42.70 to 43.70): VN054888.D (-1209) (-)

Ion 87.00 (86.70 to 87.70): VN054888.D (-1209) (-)

Ion 59.00 (58.70 to 59.70): VN054888.D (-1209) (-)

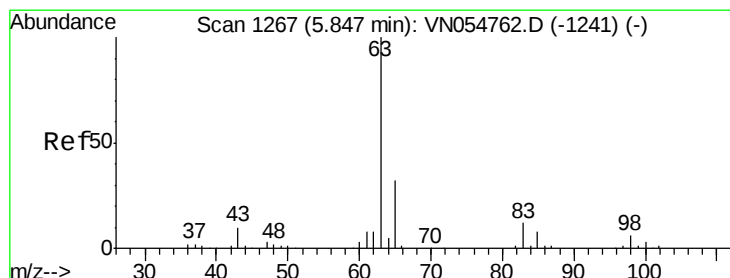
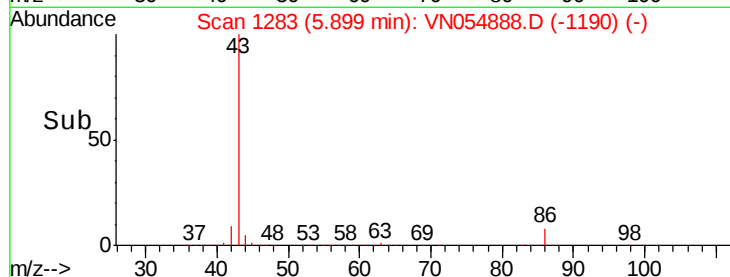
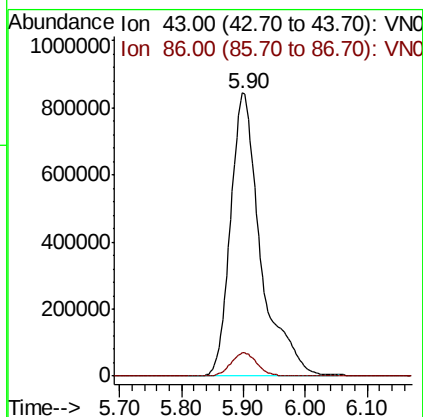
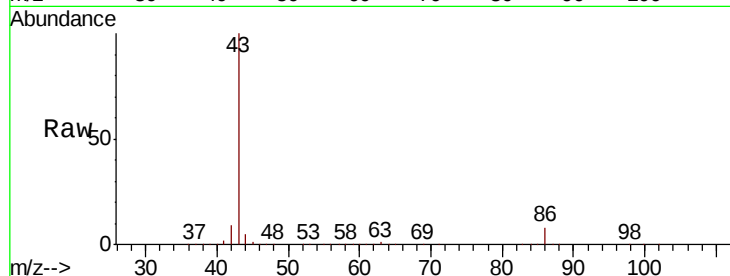




#23
 Vinyl Acetate
 Concen: 286.516 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

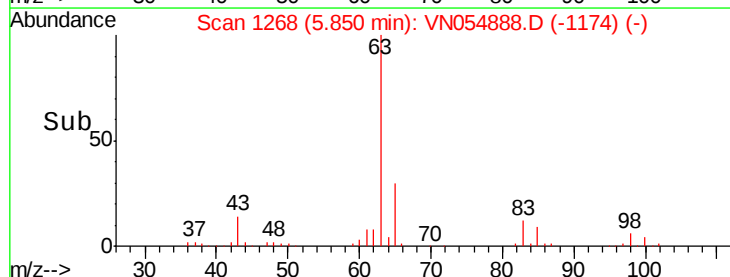
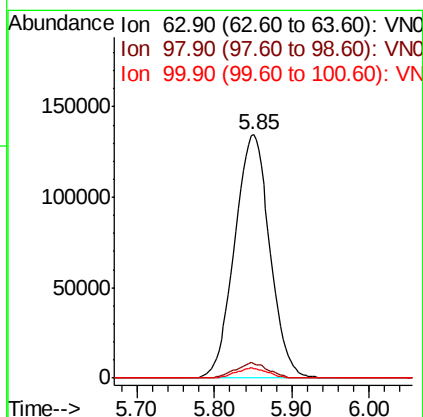
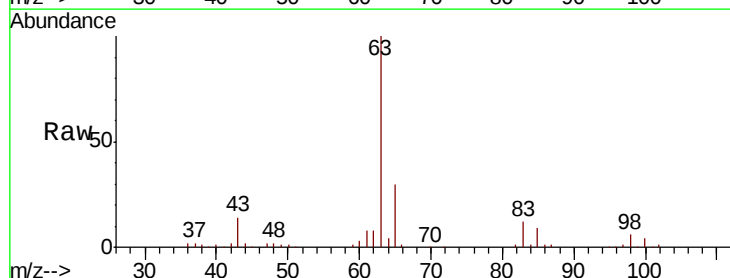
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

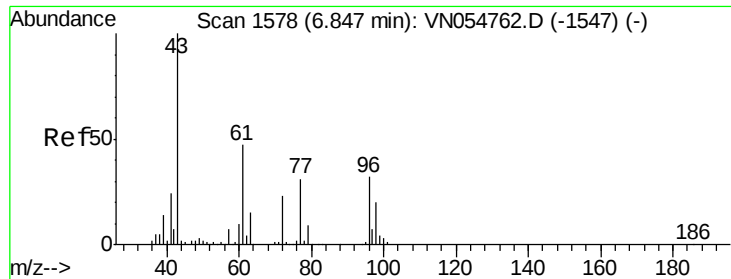
Tot Ion: 43 Resp: 2860286
 Ion Ratio Lower Upper
 43 100
 86 8.3 9.1 13.7#



#24
 1,1-Dichloroethane
 Concen: 55.601 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion: 63 Resp: 425477
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.5
 100 4.1 2.0 6.0

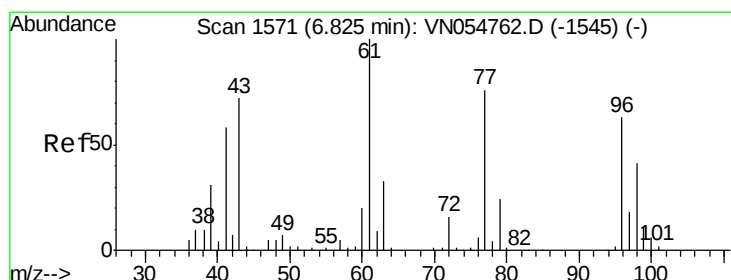
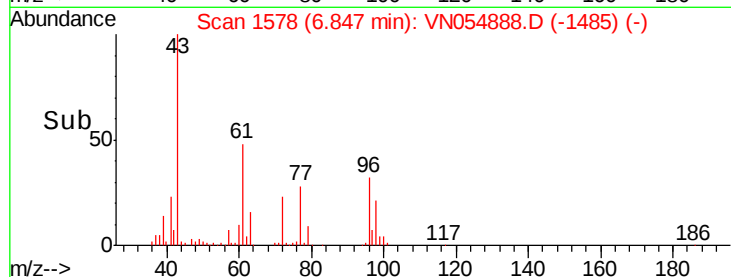
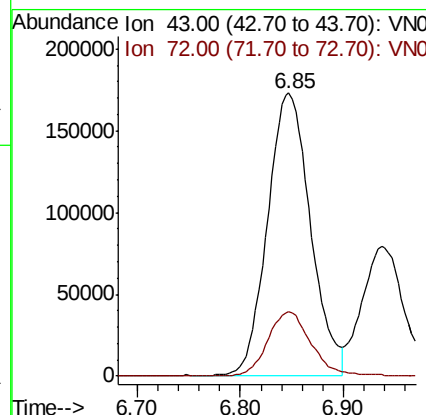
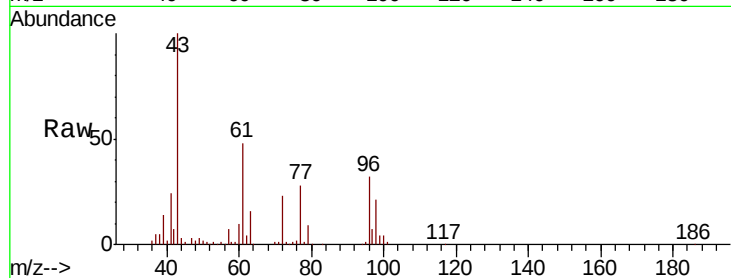




#25
 2-Butanone
 Concen: 280.168 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

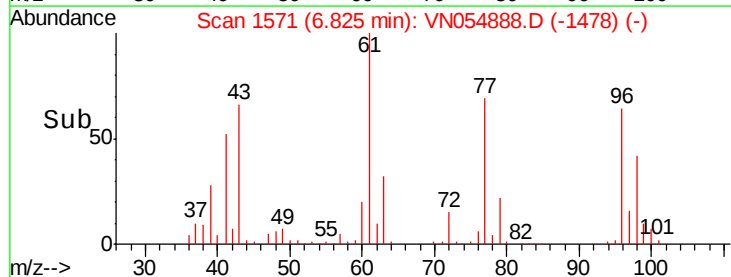
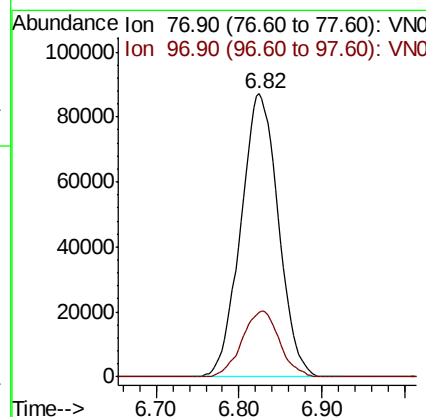
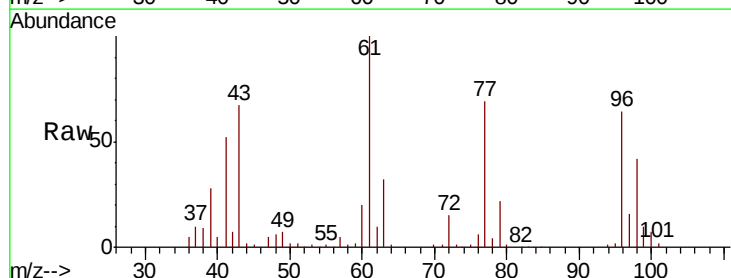
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

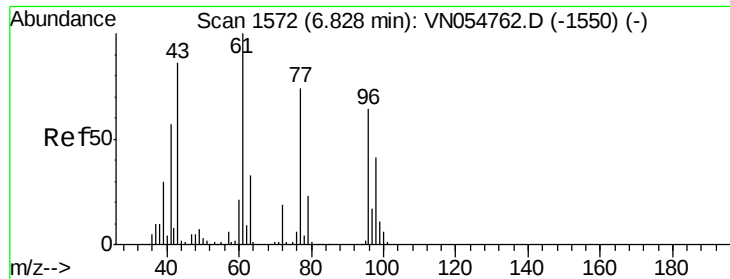
Tot Ion: 43 Resp: 498713
 Ion Ratio Lower Upper
 43 100
 72 22.7 23.0 34.6#



#26
 2,2-Dichloropropane
 Concen: 51.175 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion: 77 Resp: 274476
 Ion Ratio Lower Upper
 77 100
 97 23.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 55.588 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

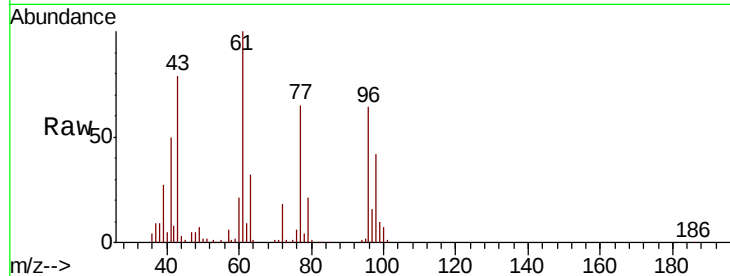
Tot Ion: 96 Resp: 242881

Ion Ratio Lower Upper

96 100

61 156.6 0.0 273.0

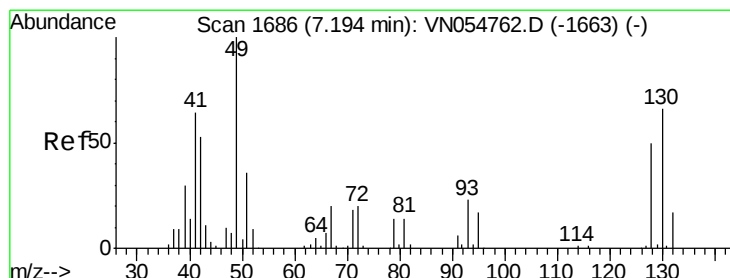
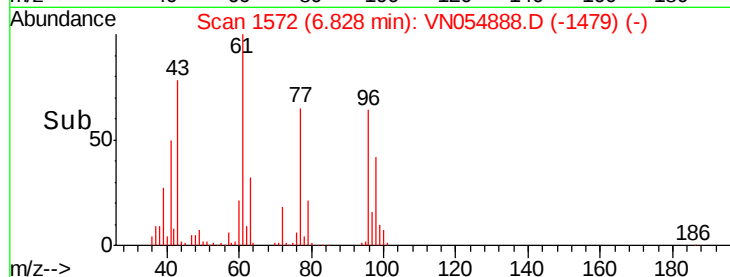
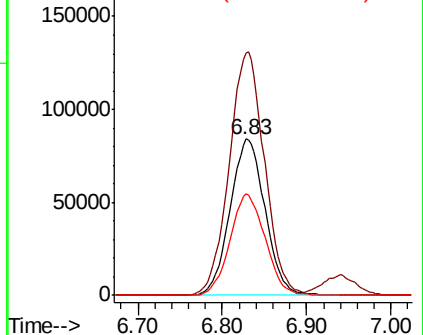
98 65.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 56.352 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

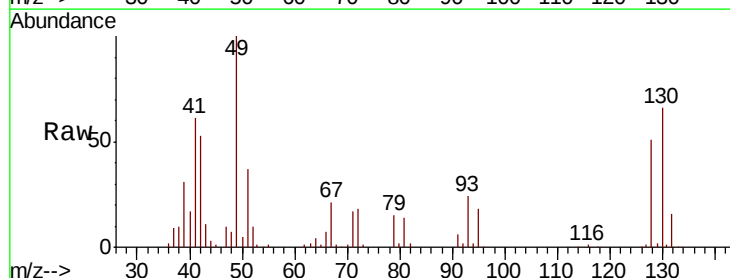
Tgt Ion: 49 Resp: 215630

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

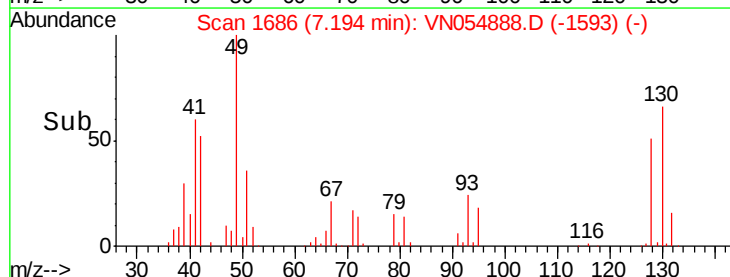
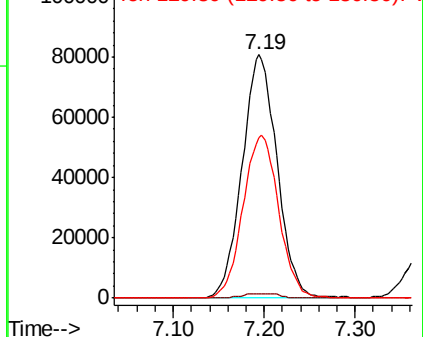
130 68.0 76.7 115.1#

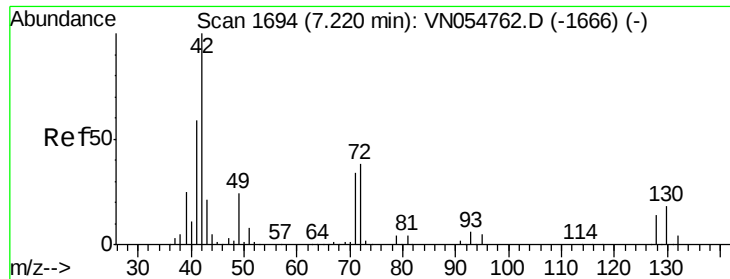


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

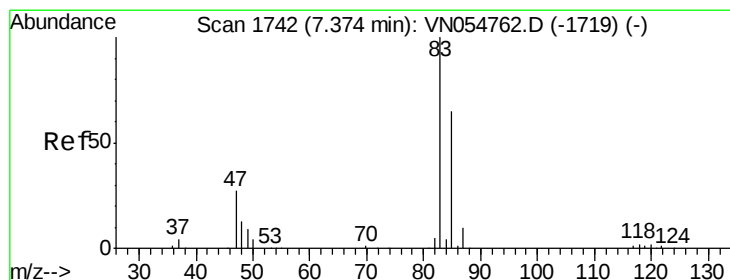
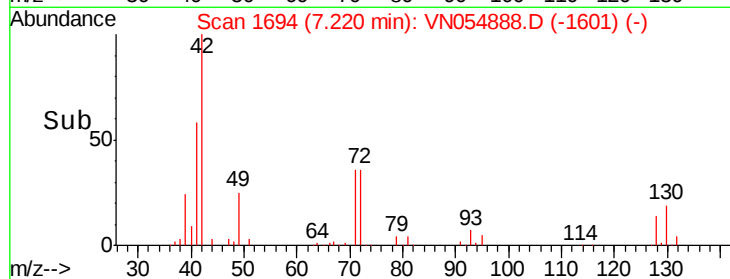
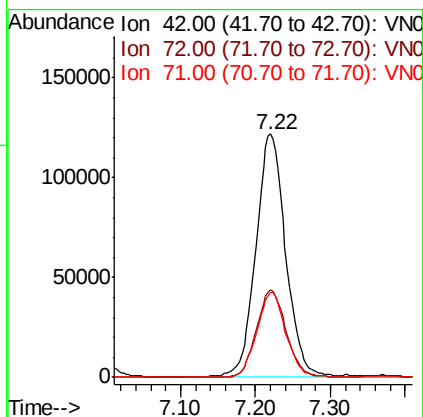
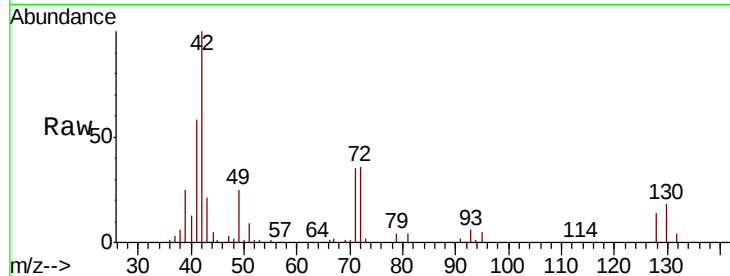




#29
Tetrahydrofuran
Concen: 272.454 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

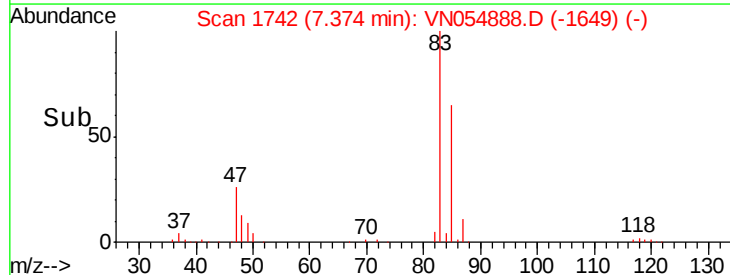
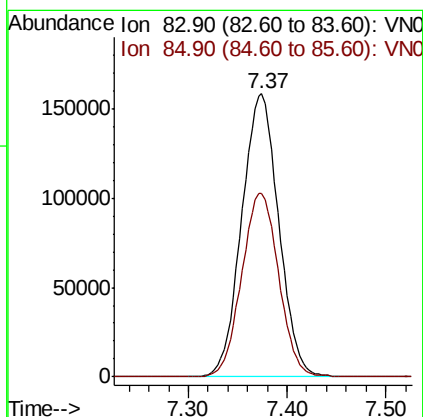
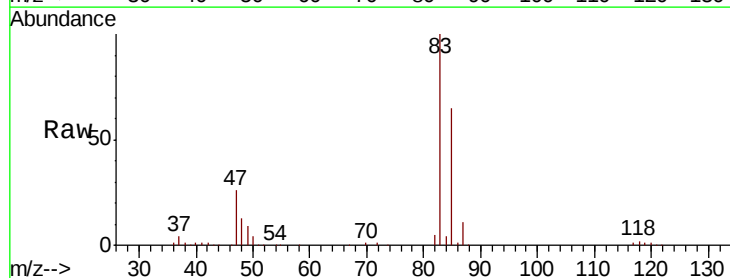
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

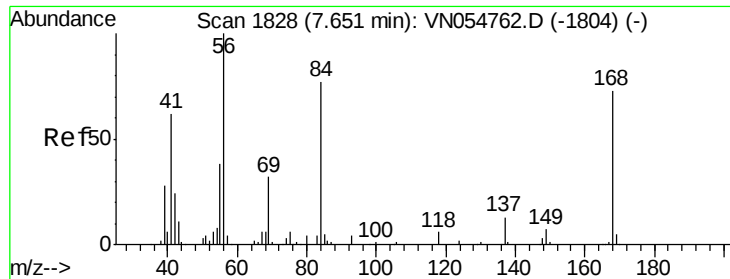
Tot Ion: 42 Resp: 336843
Ion Ratio Lower Upper
42 100
72 36.0 37.8 56.6#
71 34.4 36.2 54.2#



#30
Chloroform
Concen: 56.321 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 83 Resp: 410964
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4

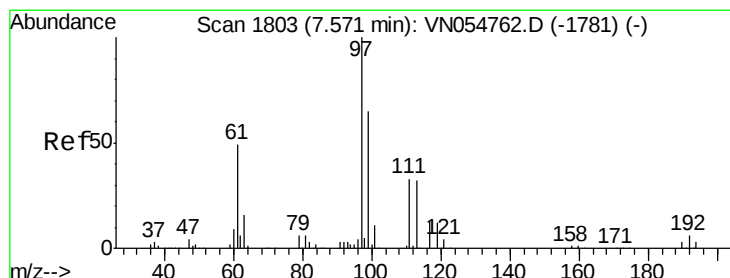
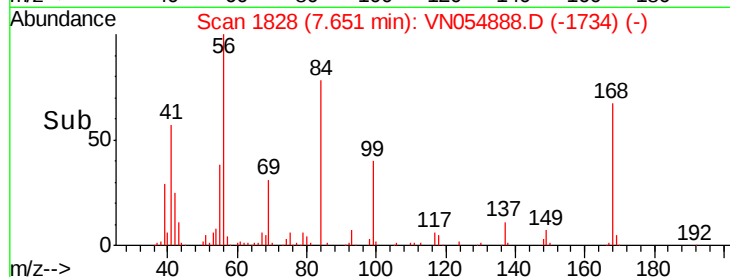
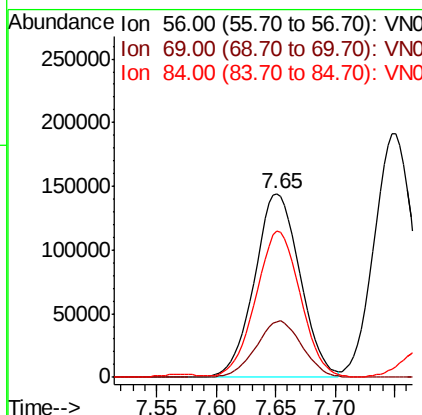
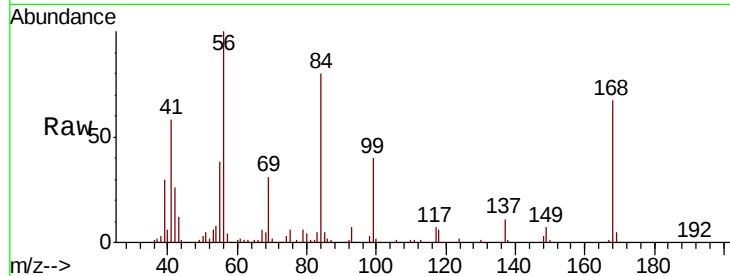




#31
Cyclohexane
Concen: 55.047 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

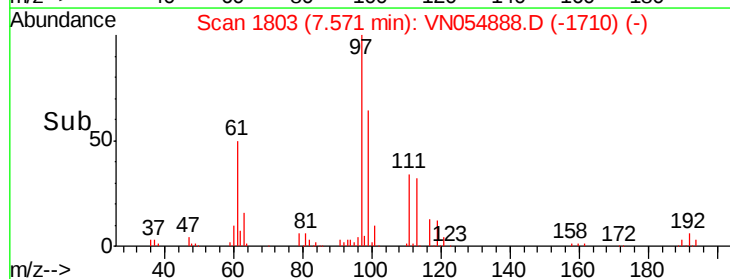
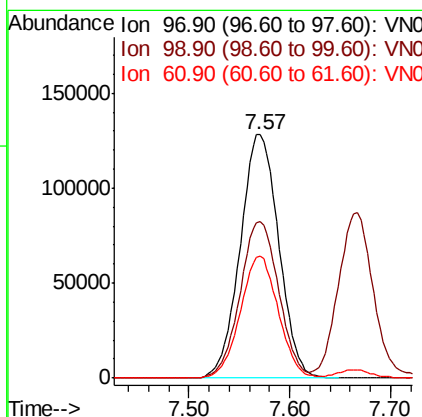
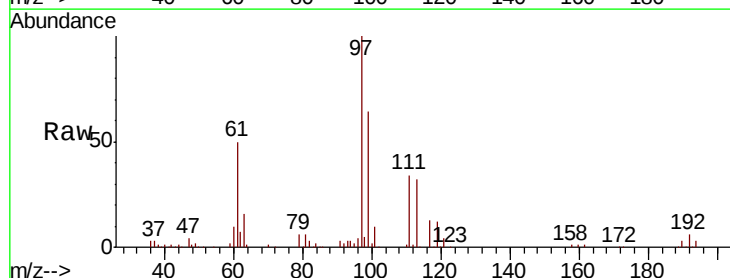
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

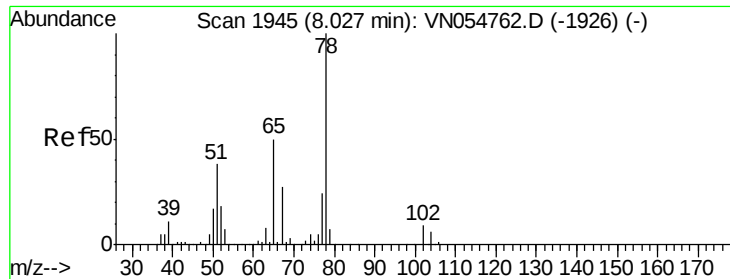
Tot Ion: 56 Resp: 382372
Ion Ratio Lower Upper
56 100
69 30.5 27.8 41.6
84 78.3 74.6 111.8



#32
1,1,1-Trichloroethane
Concen: 56.171 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 97 Resp: 339664
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 49.3 33.6 50.4

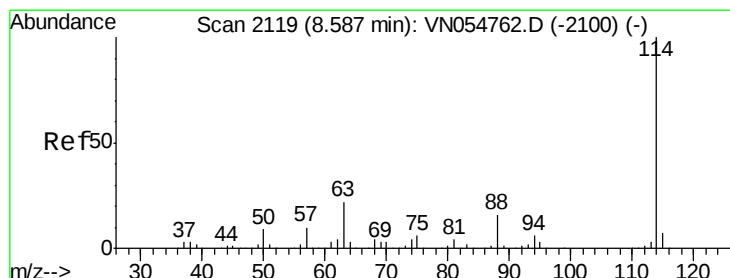
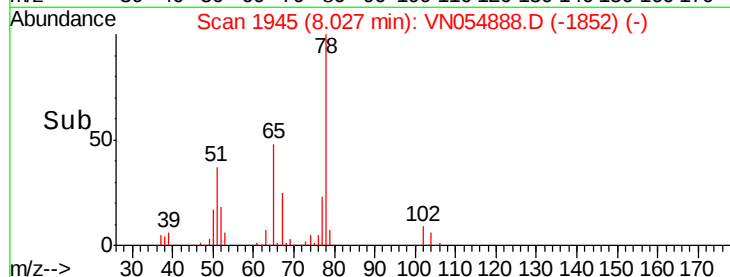
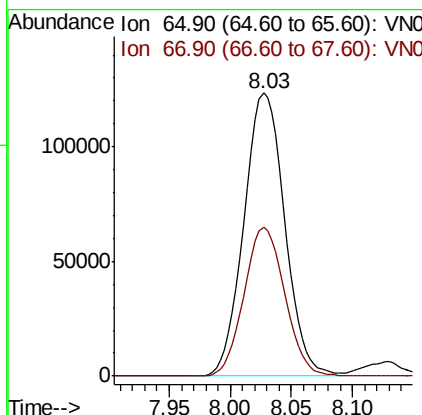
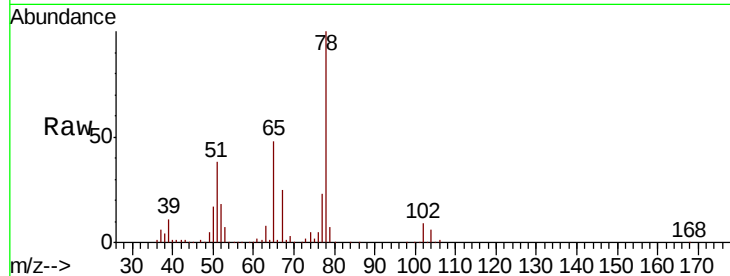




#33
 1,2-Dichloroethane-d4
 Concen: 56.662 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

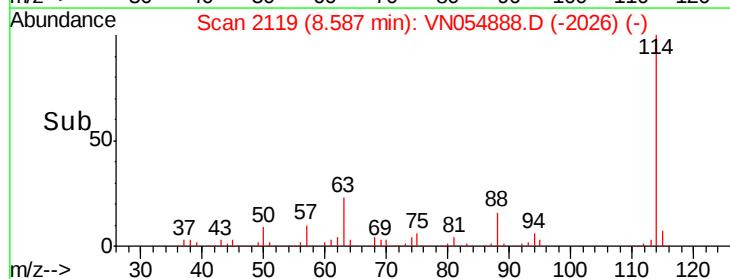
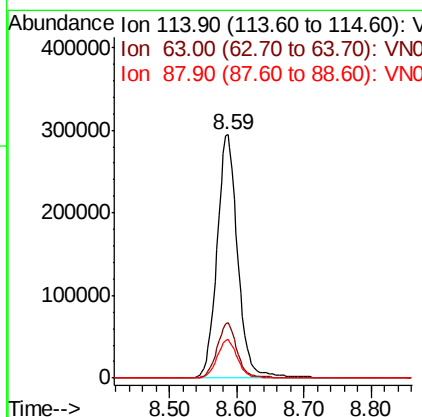
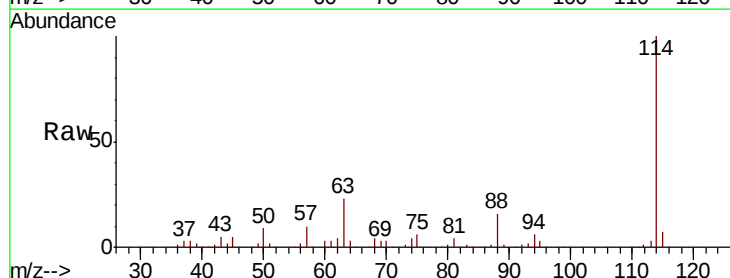
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

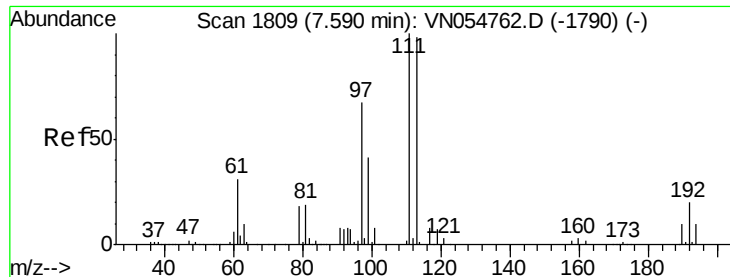
Tot Ion: 65 Resp: 286133
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion: 114 Resp: 633241
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 16.0 0.0 30.2

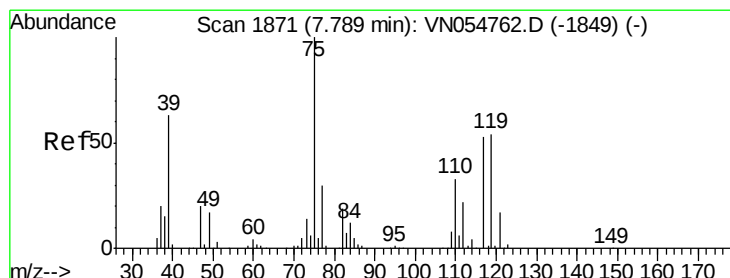
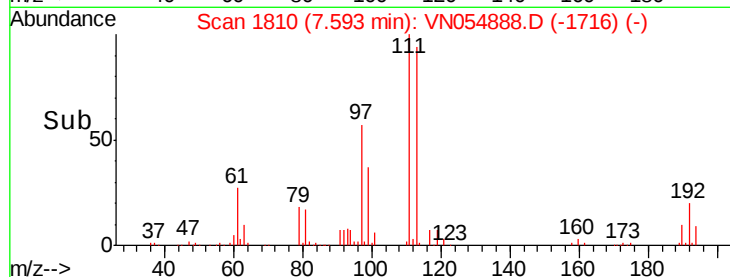
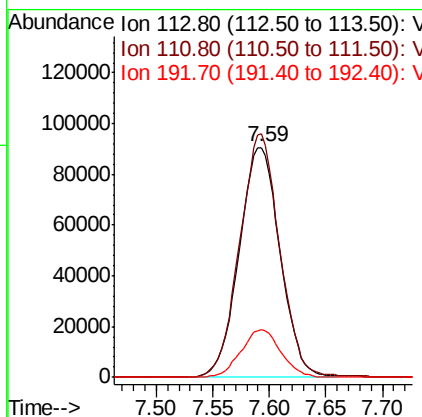
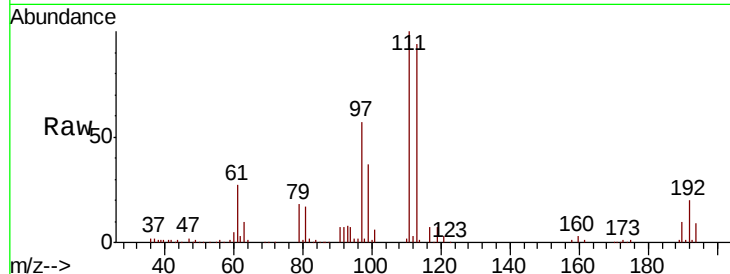




#35
 Dibromofluoromethane
 Concen: 54.039 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

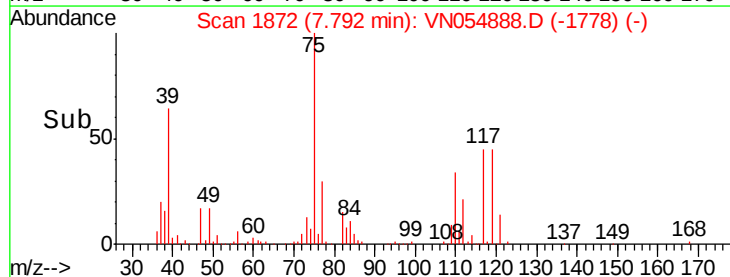
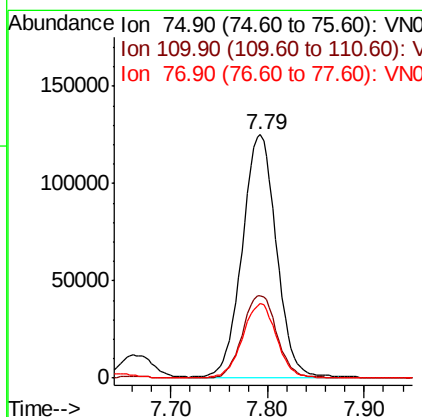
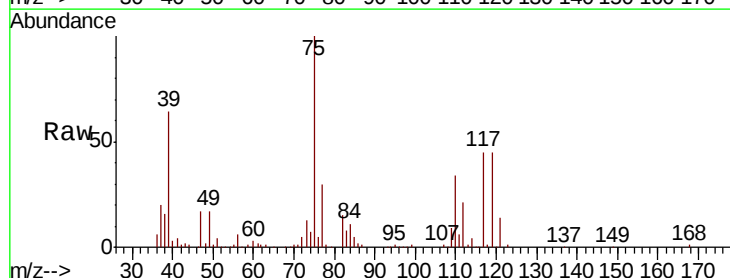
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

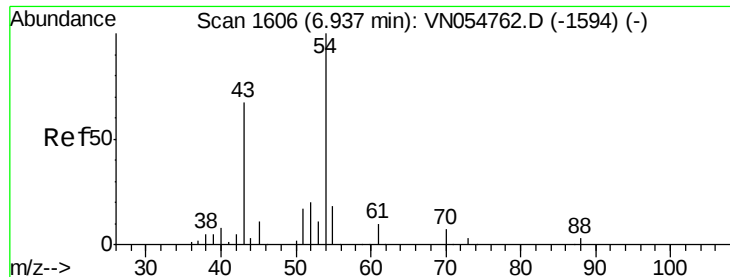
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	20.3	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 51.676 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	19.1	57.5
77	30.9	25.0	37.4

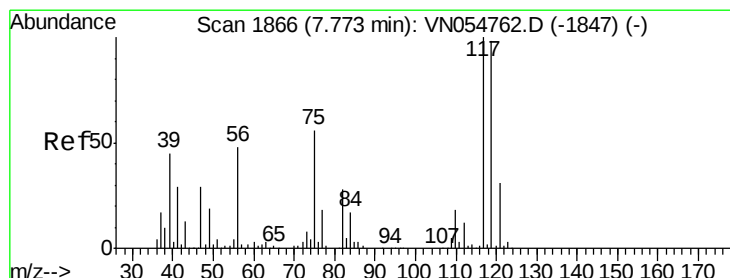
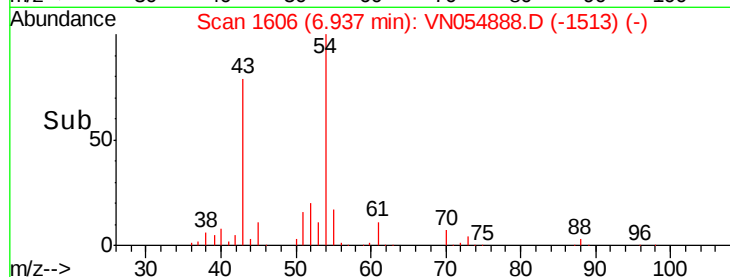
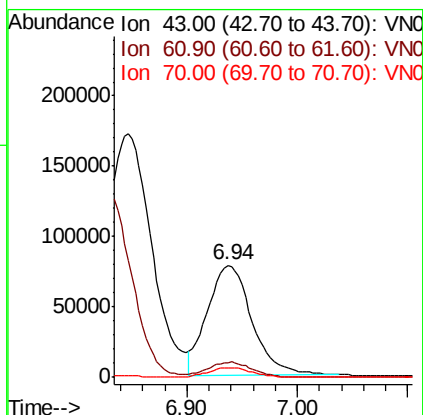
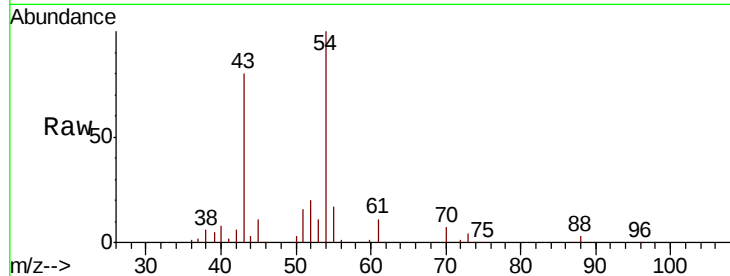




#37
Ethyl Acetate
Concen: 50.794 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

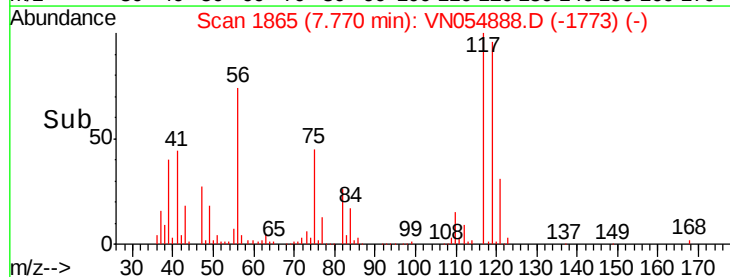
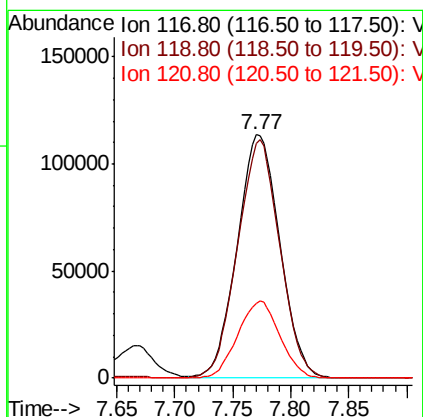
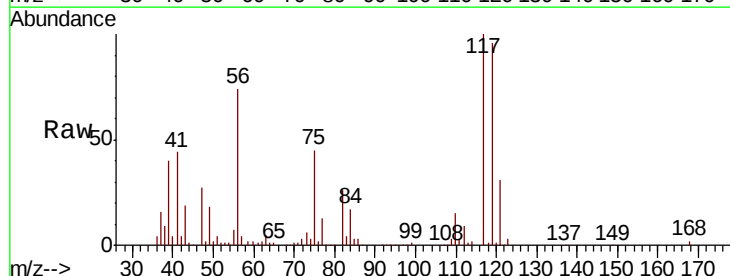
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

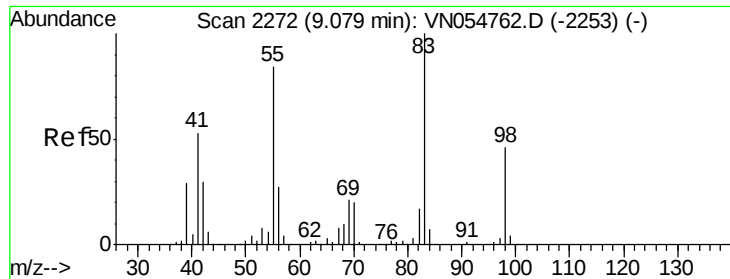
Tot Ion: 43 Resp: 219790
Ion Ratio Lower Upper
43 100
61 12.8 11.8 17.6
70 8.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.513 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 117 Resp: 289495
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5
121 30.8 24.6 36.8

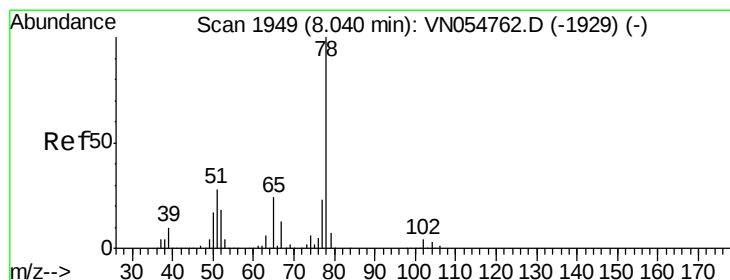
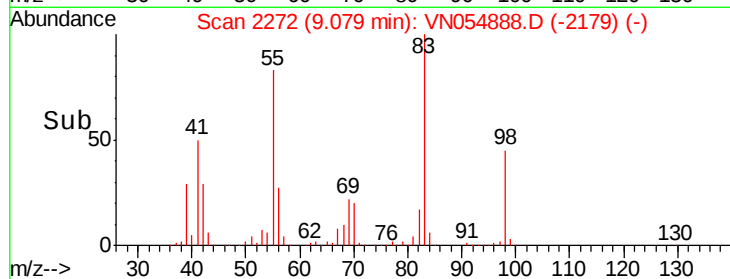
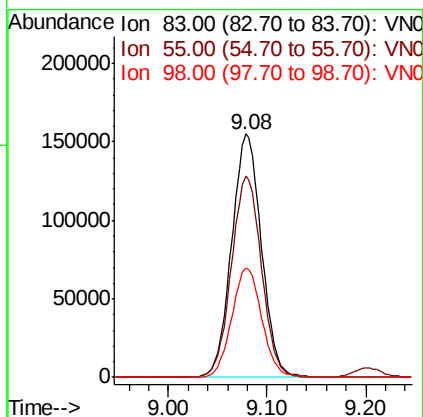
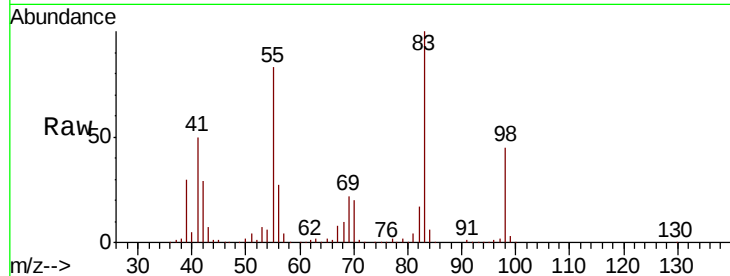




#39
Methvlcvclohexane
Concen: 50.008 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

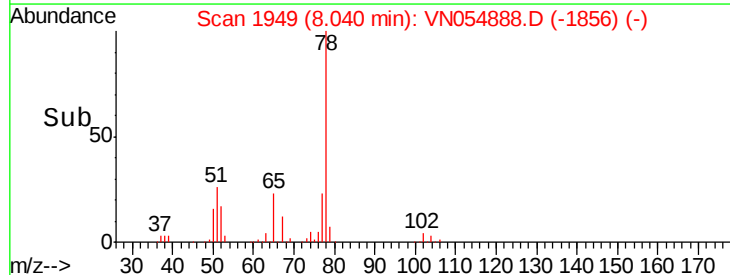
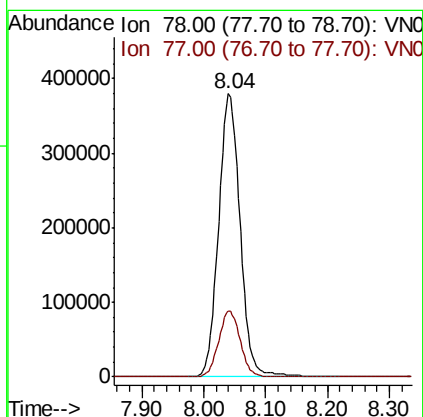
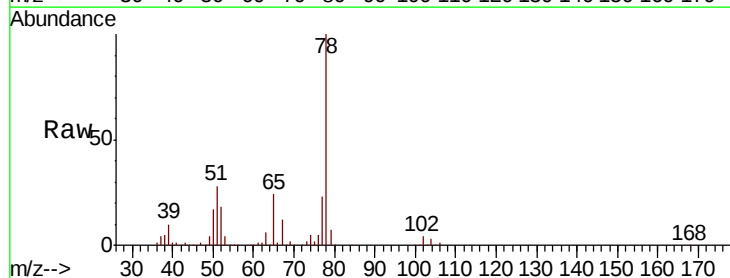
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

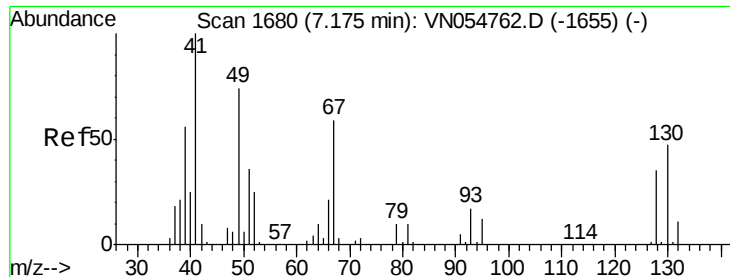
Tot Ion: 83 Resp: 324405
Ion Ratio Lower Upper
83 100
55 82.5 56.6 84.8
98 44.9 38.4 57.6



#40
Benzene
Concen: 54.279 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 78 Resp: 916441
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

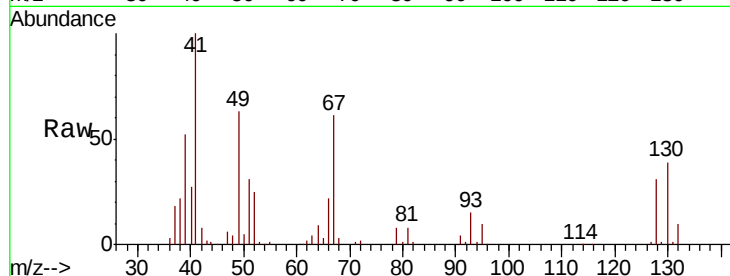




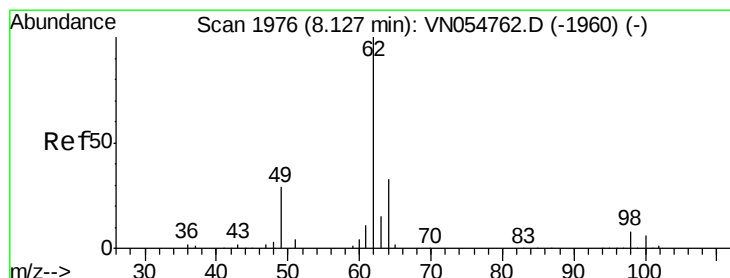
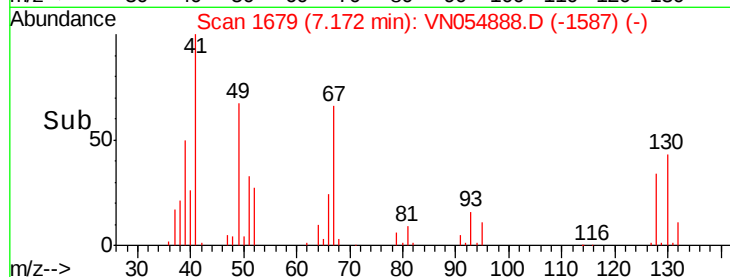
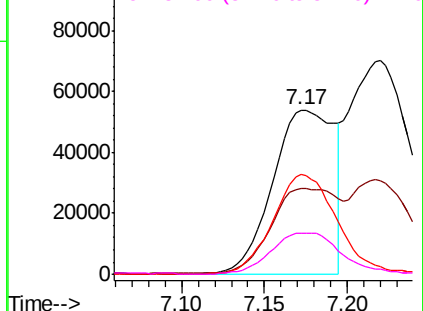
#41
Methacrylonitrile
Concen: 57.314 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 139314
Ion Ratio Lower Upper
41 100
39 56.3 46.8 70.2
67 63.8 67.0 100.4#
52 29.0 26.5 39.7

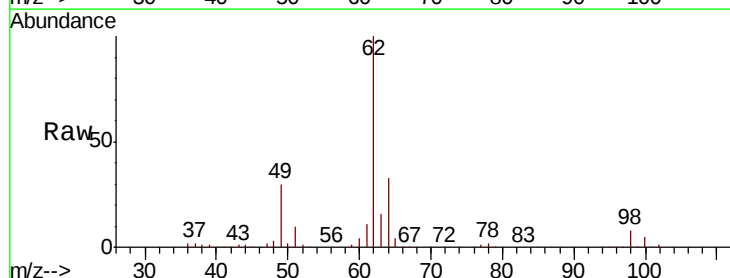


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

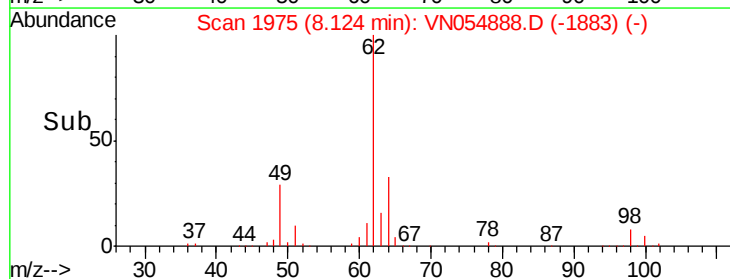
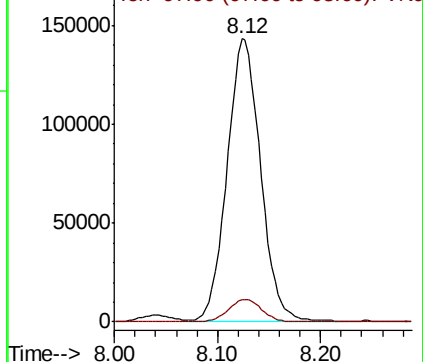


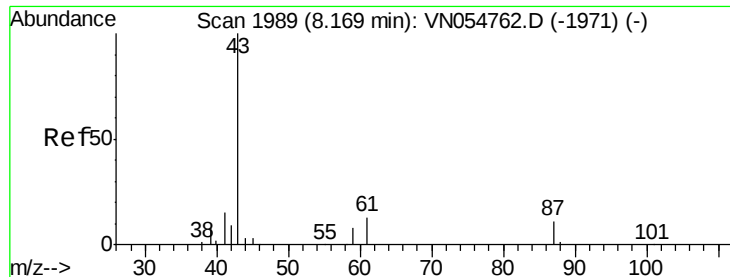
#42
1,2-Dichloroethane
Concen: 53.535 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 62 Resp: 322737
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 55.768 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

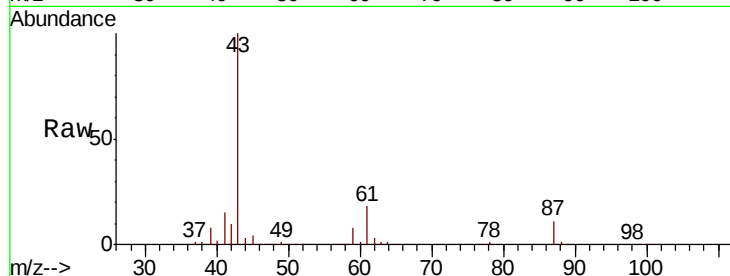
Tot Ion: 43 Resp: 392099

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.8

87 11.2 12.0 18.0#

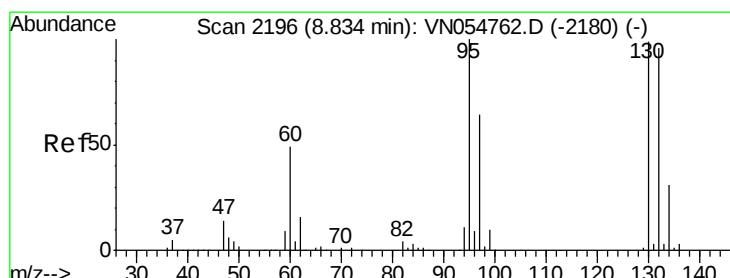
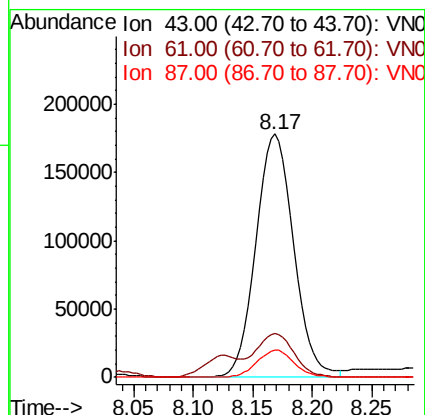
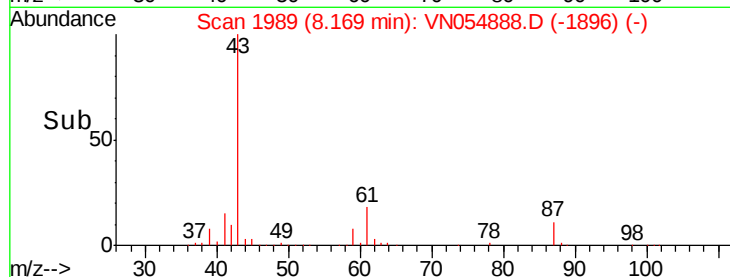


Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054762.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054762.D (-1971) (-)

Time-->



#44

Trichloroethene

Concen: 53.290 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054888.D

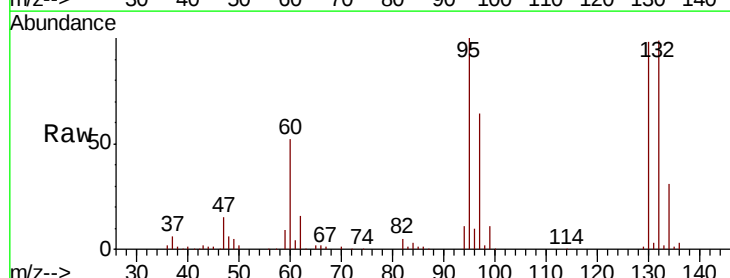
Acq: 1 Apr 2019 21:13

Tgt Ion:130 Resp: 233560

Ion Ratio Lower Upper

130 100

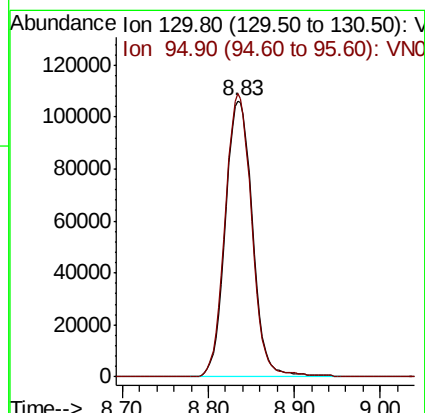
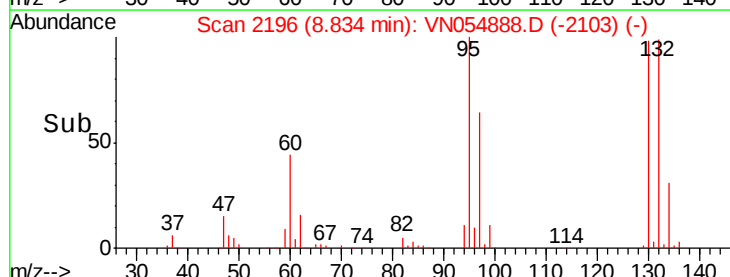
95 102.5 0.0 185.2

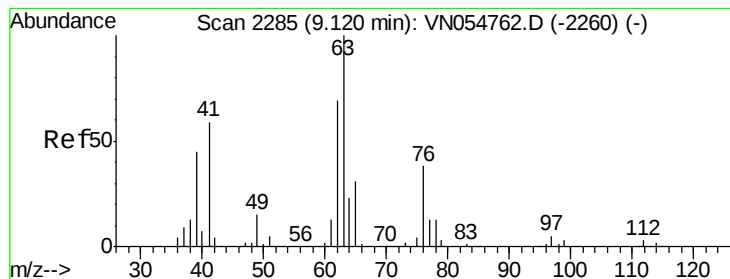


Abundance Ion 129.80 (129.50 to 130.50): VN054762.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN054762.D (-2180) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 53.193 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

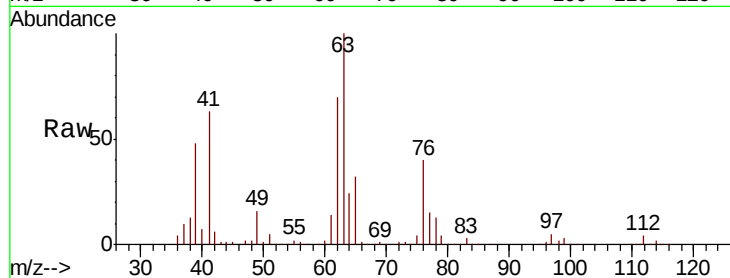
VSTDCCC050EC

Tot Ion: 63 Resp: 256085

Ion Ratio Lower Upper

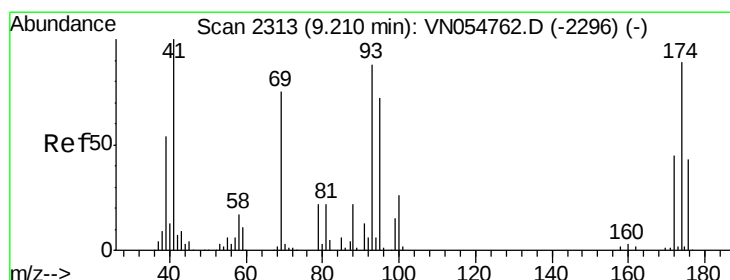
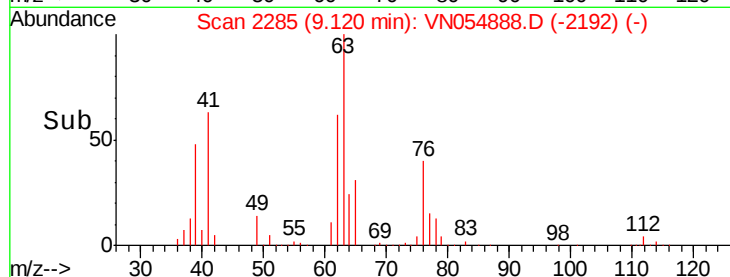
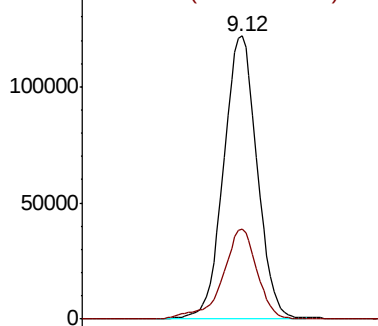
63 100

65 31.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN054762.D (-2260) (-)

Ion 64.90 (64.60 to 65.60): VN054762.D (-2260) (-)



#46

Dibromomethane

Concen: 53.469 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

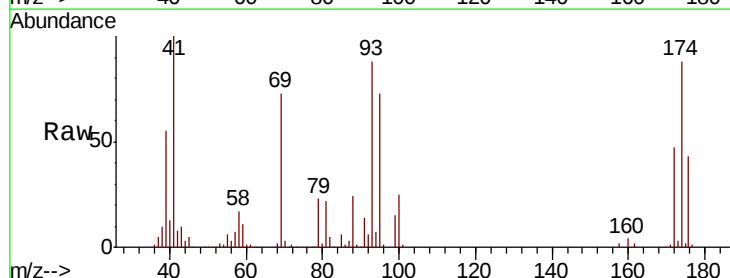
Tgt Ion: 93 Resp: 144807

Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

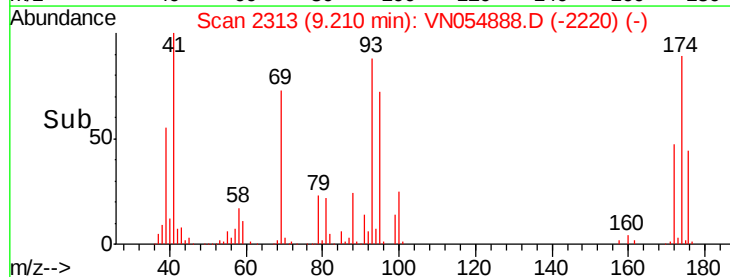
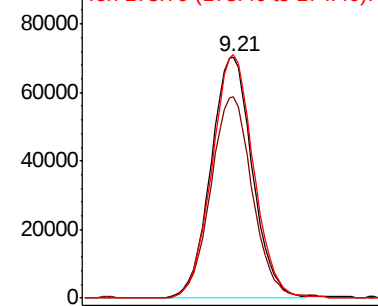
174 101.2 98.5 147.7

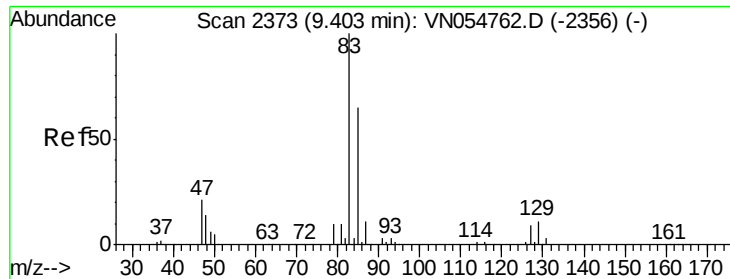


Abundance Ion 92.80 (92.50 to 93.50): VN054762.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN054762.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN054762.D (-2296) (-)





#47

Bromodichloromethane

Concen: 55.948 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

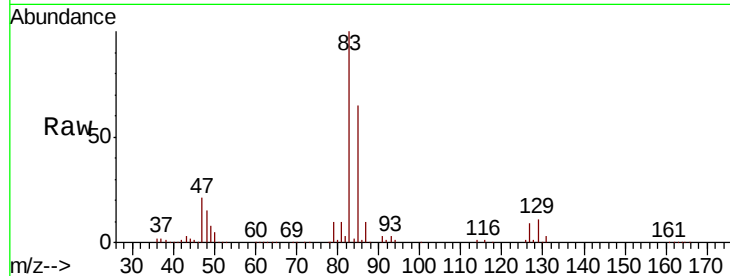
Tot Ion: 83 Resp: 314899

Ion Ratio Lower Upper

83 100

85 65.1 52.8 79.2

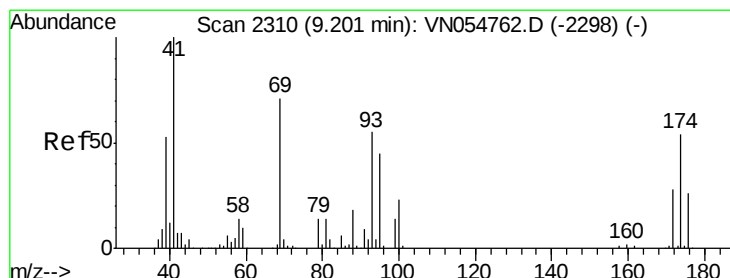
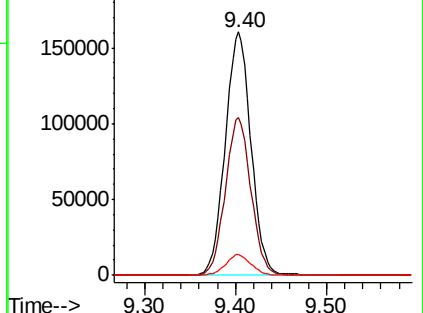
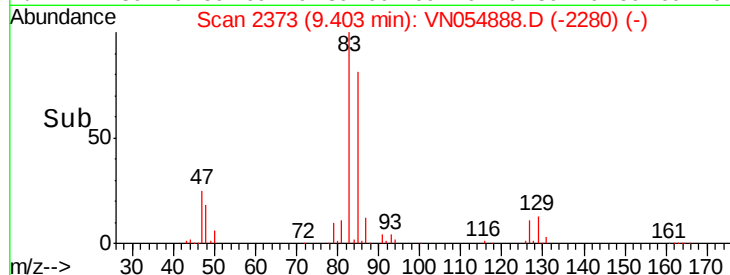
127 8.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054888.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054888.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054888.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.183 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

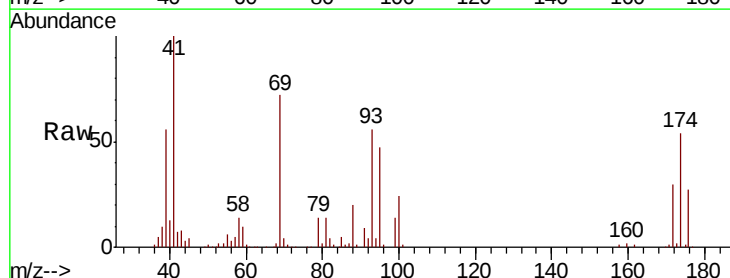
Tgt Ion: 41 Resp: 198881

Ion Ratio Lower Upper

41 100

69 74.7 72.6 108.8

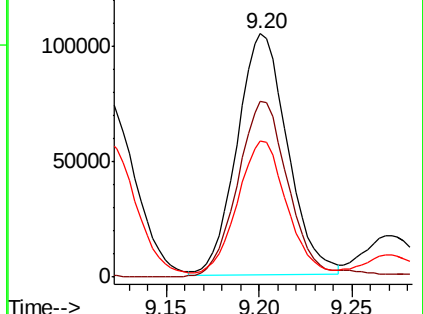
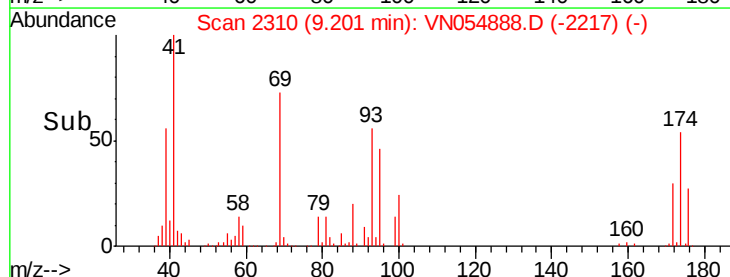
39 55.3 47.5 71.3

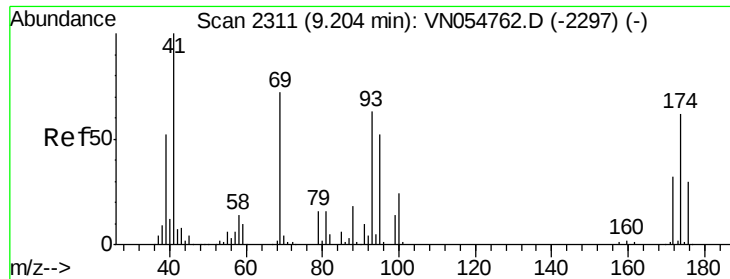


Abundance Ion 41.00 (40.70 to 41.70): VN054888.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054888.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054888.D (-2217) (-)

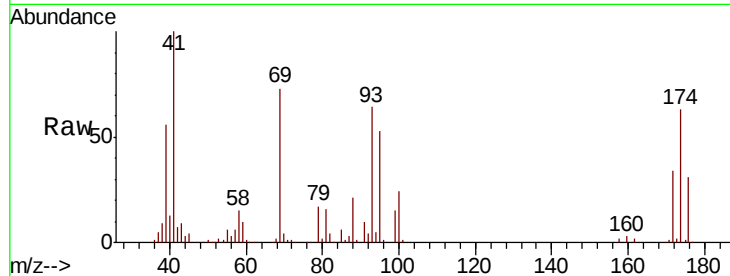




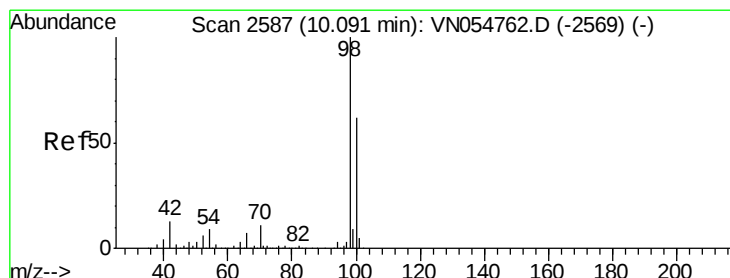
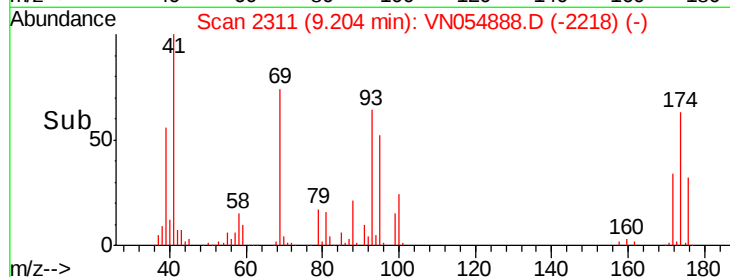
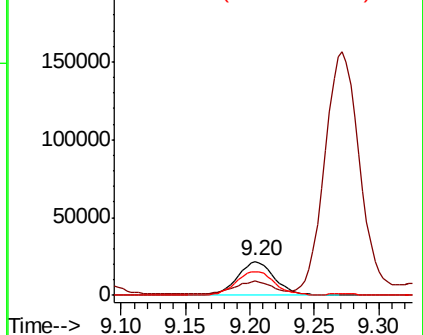
#49
 1,4-Dioxane
 Concen: 1153.585 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 43624
 Ion Ratio Lower Upper
 88 100
 43 37.0 24.1 36.1#
 58 73.2 50.8 76.2

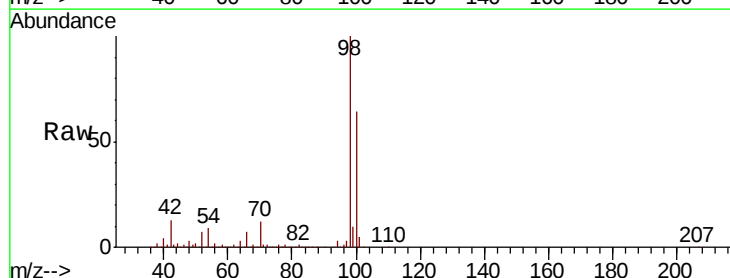


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

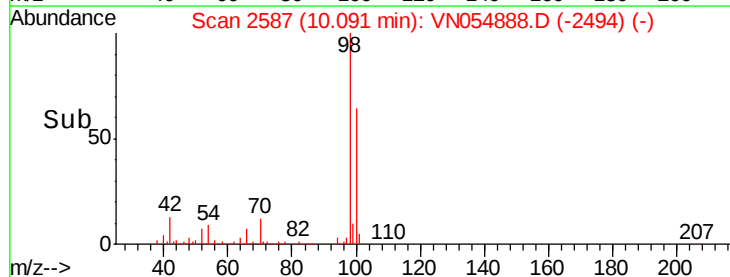
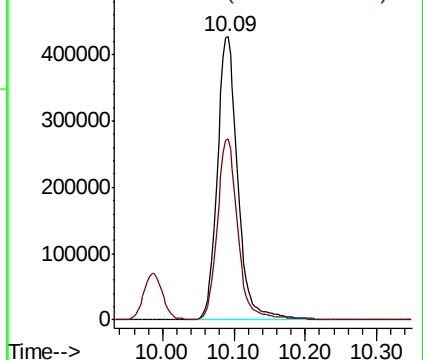


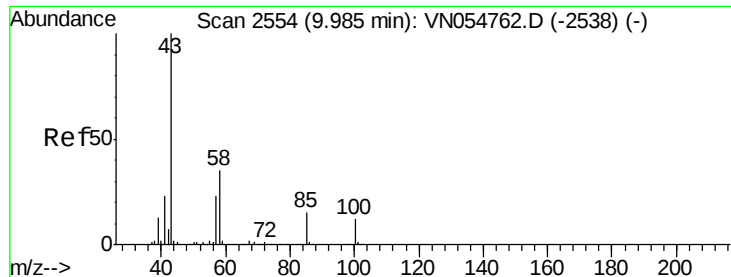
#50
 Toluene-d8
 Concen: 54.279 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion: 98 Resp: 851934
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 281.065 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

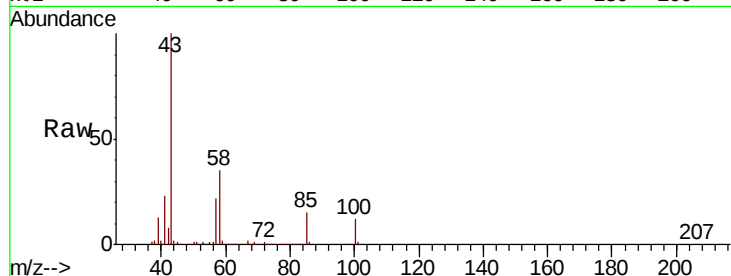
VSTDCCC050EC

Tot Ion: 43 Resp: 1111024

Ion Ratio Lower Upper

43 100

58 35.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-2538) (-)

9.99

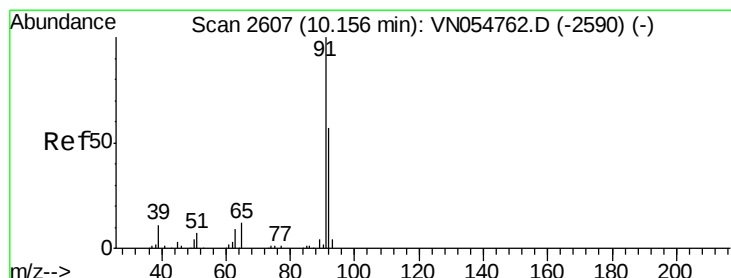
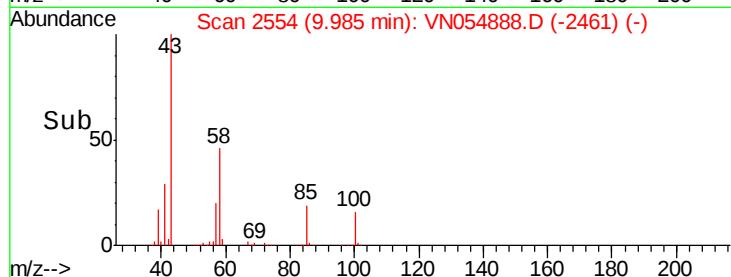
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.536 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054888.D

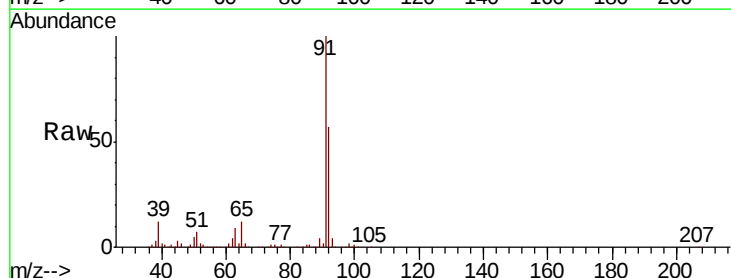
Acq: 1 Apr 2019 21:13

Tgt Ion: 92 Resp: 547903

Ion Ratio Lower Upper

92 100

91 175.8 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)

10.16

500000

400000

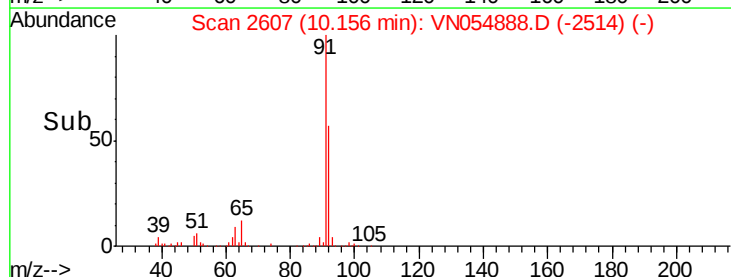
300000

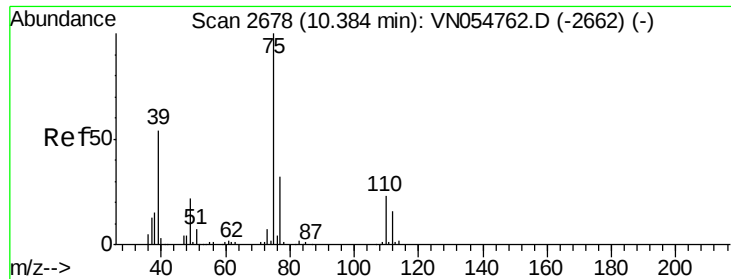
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 56.270 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

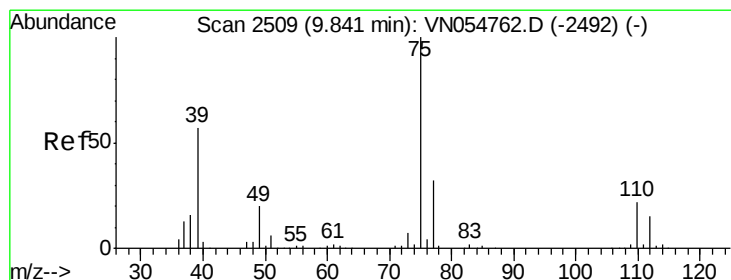
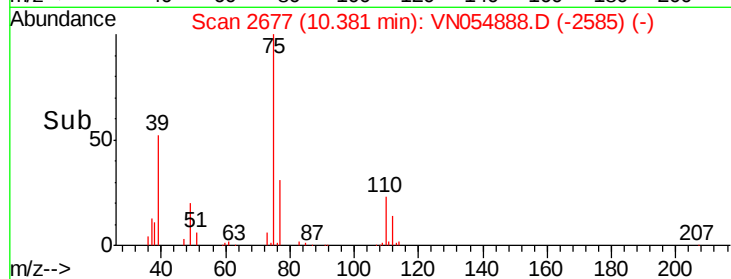
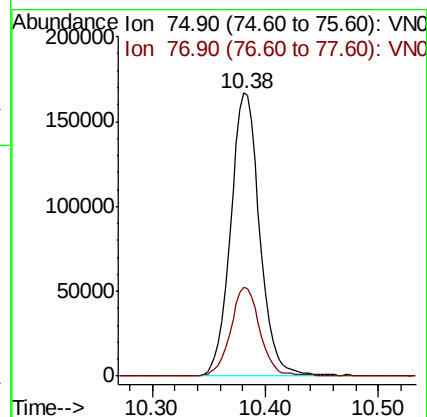
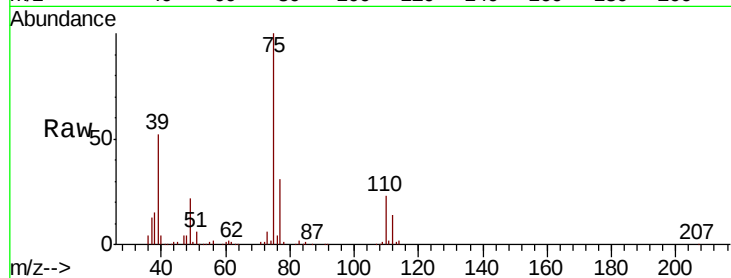
VSTDCCC050EC

Tot Ion: 75 Resp: 297923

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 56.511 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

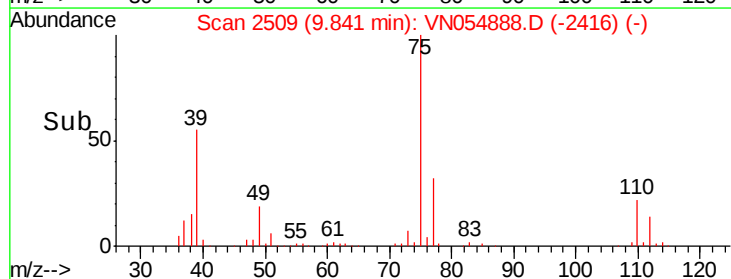
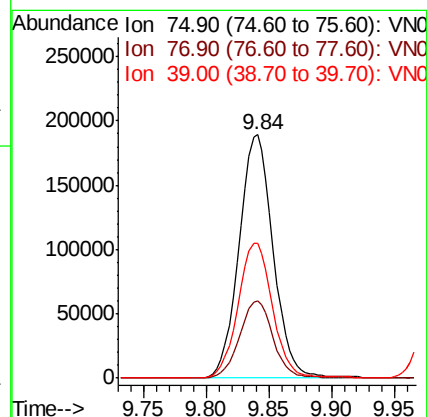
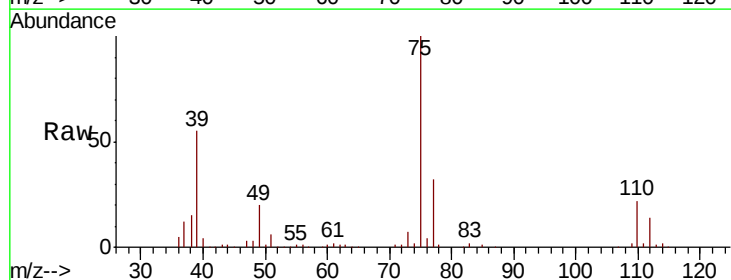
Tgt Ion: 75 Resp: 357406

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 55.1 37.2 55.8

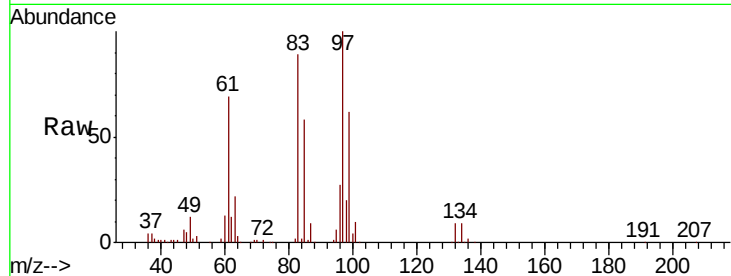




#55
 1,1,2-Trichloroethane
 Concen: 53.643 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	200394
Ion	Ratio	Lower	Upper
97	100		
83	89.1	66.6	100.0
85	58.3	44.4	66.6
99	61.4	50.8	76.2



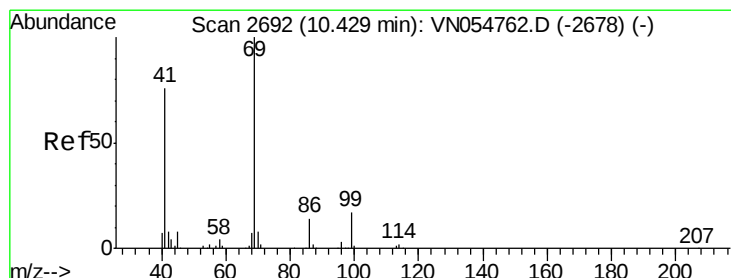
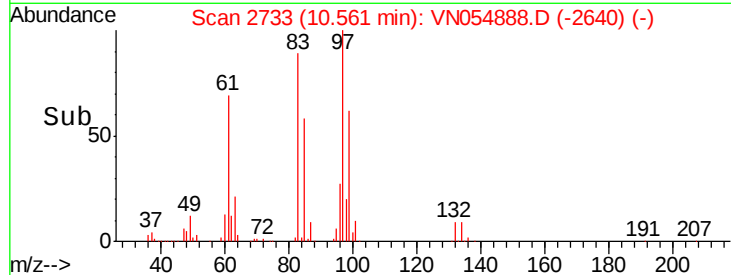
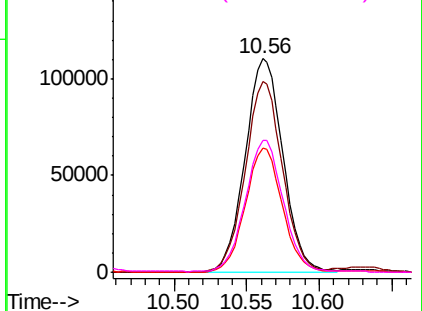
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

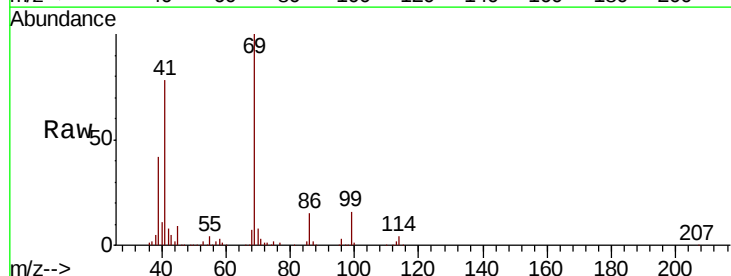
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 54.220 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion	69	Resp	265702
Ion	Ratio	Lower	Upper
69	100		
41	77.4	49.4	74.2#
39	41.7	28.3	42.5

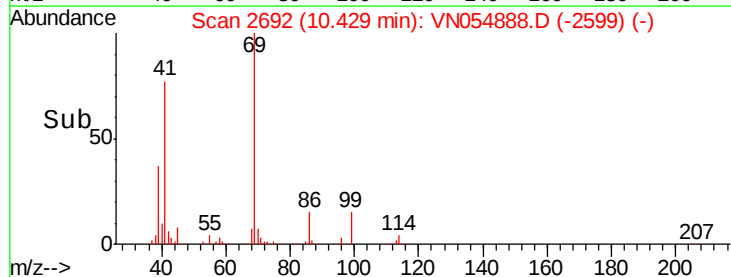
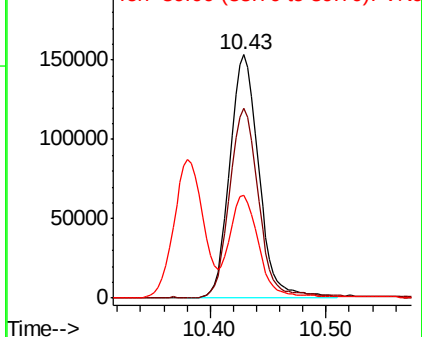


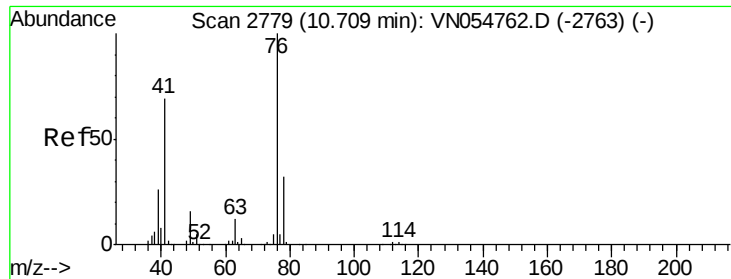
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

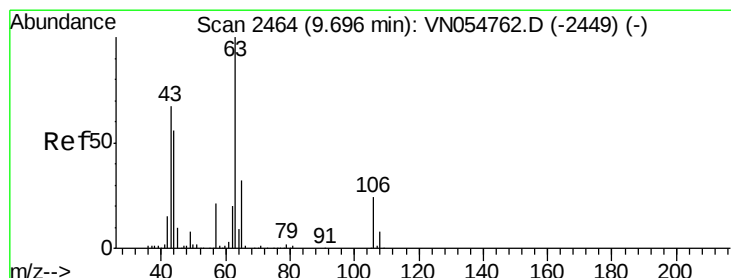
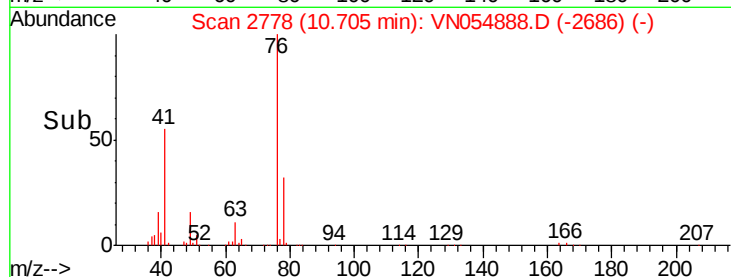
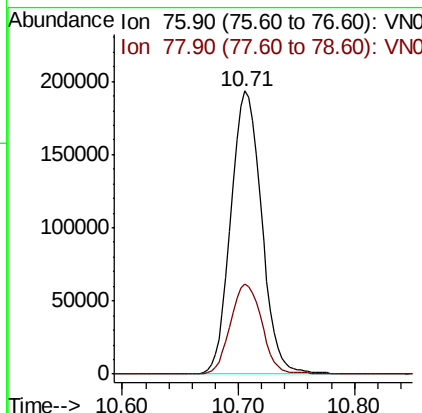
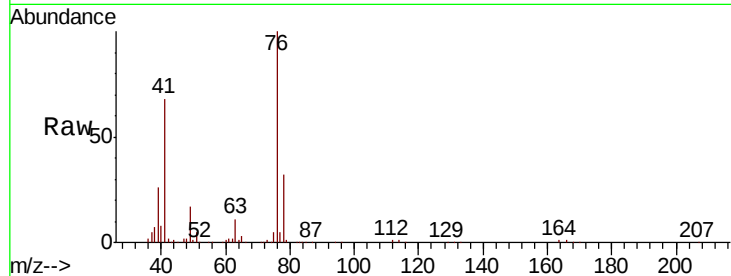




#57
 1,3-Dichloropropane
 Concen: 55.251 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

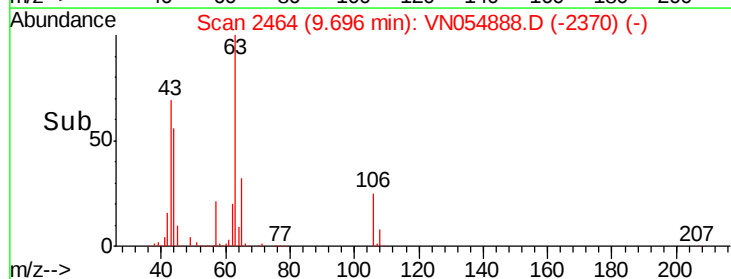
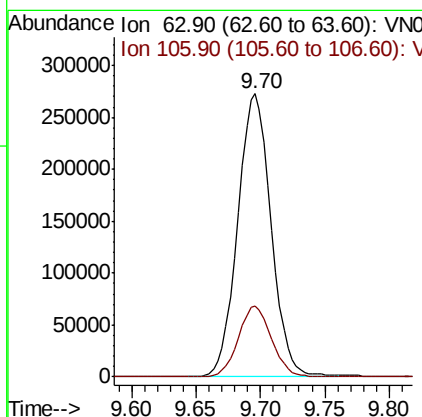
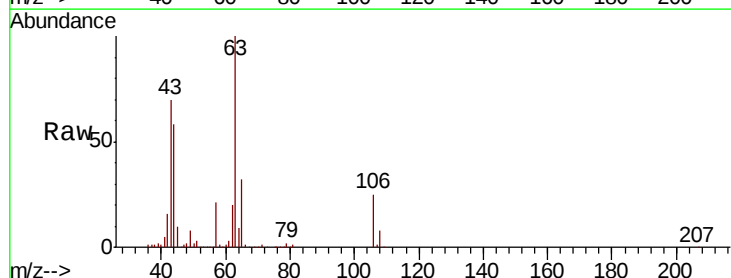
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

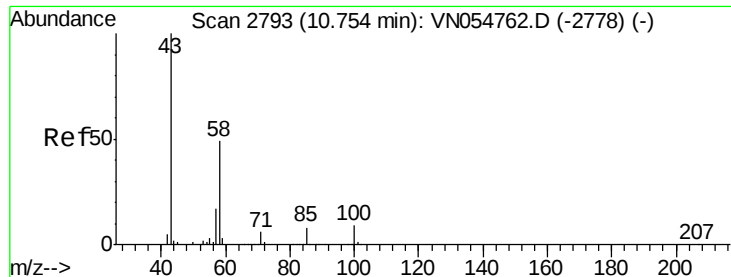
Tot Ion: 76 Resp: 354846
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.416 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion: 63 Resp: 491208
 Ion Ratio Lower Upper
 63 100
 106 25.0 24.4 36.6

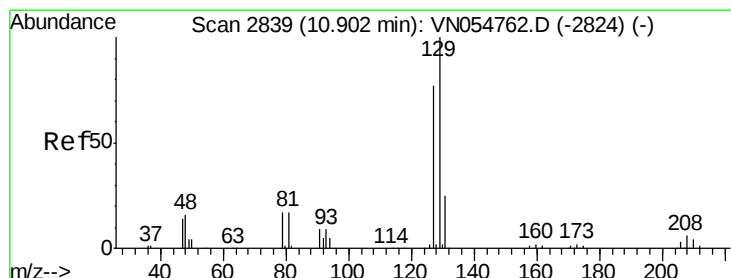
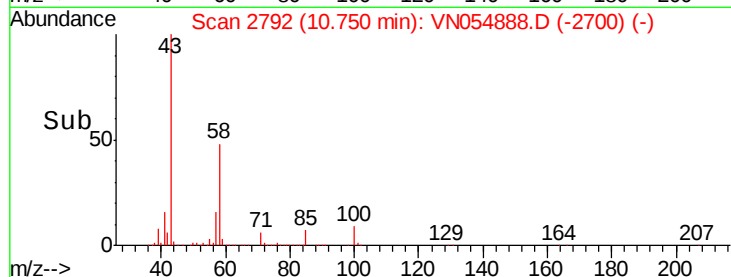
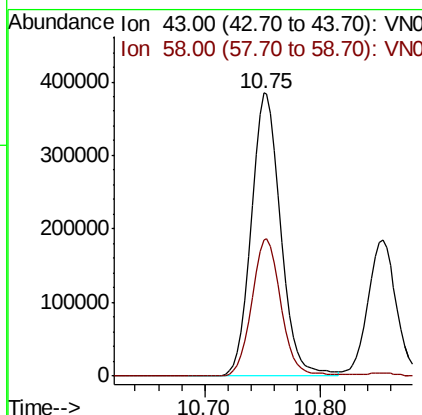
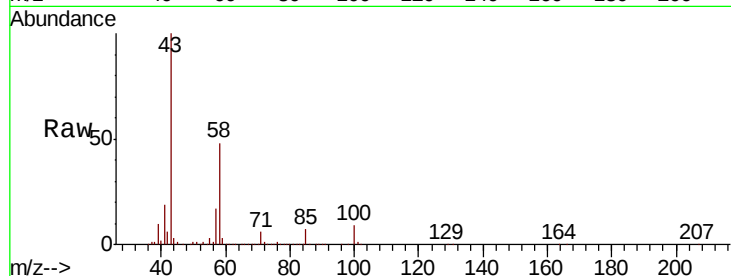




#59
2-Hexanone
Concen: 268.494 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

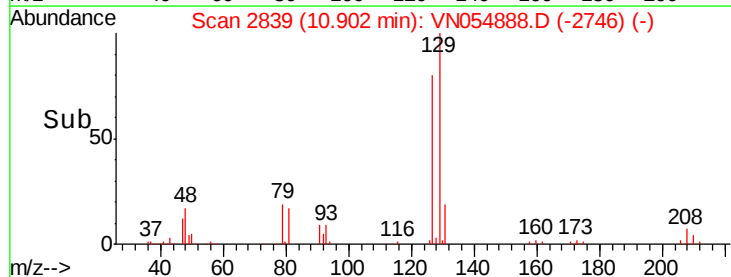
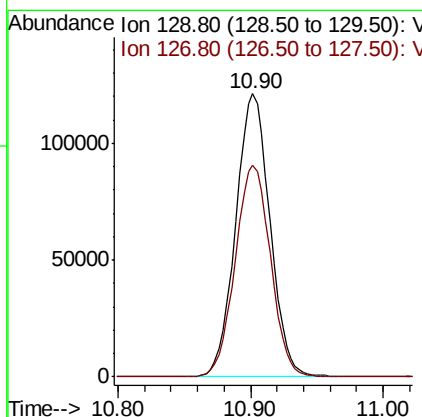
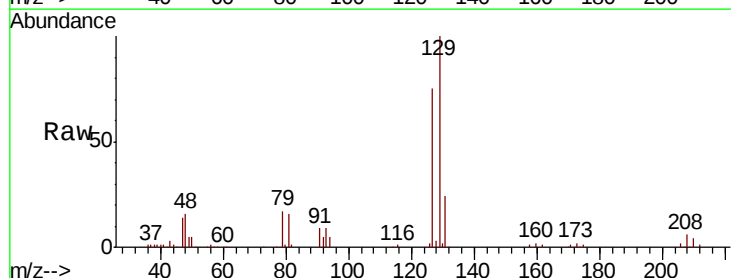
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

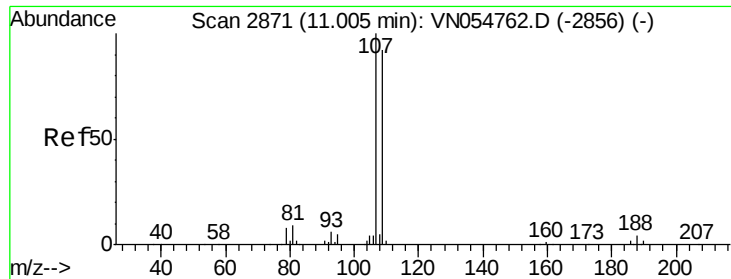
Tot Ion: 43 Resp: 679425
Ion Ratio Lower Upper
43 100
58 48.8 28.0 83.9



#60
Dibromochloromethane
Concen: 57.595 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 129 Resp: 217949
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8

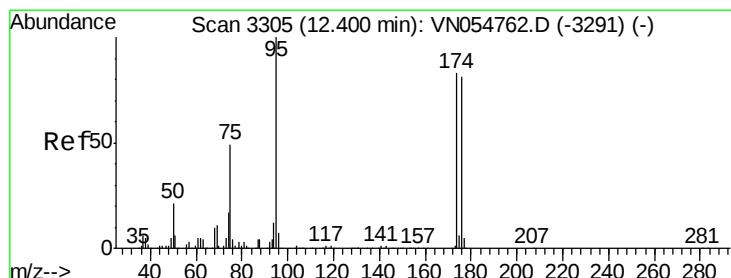
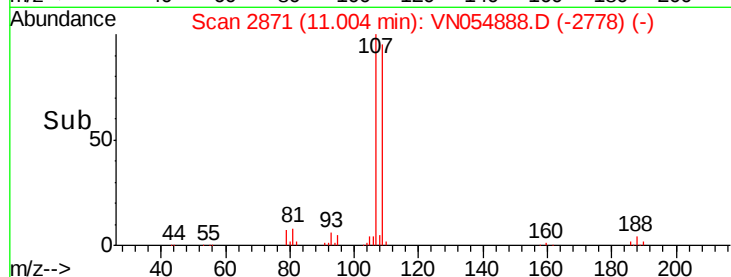
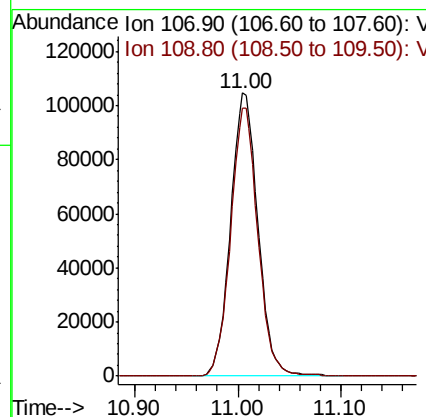
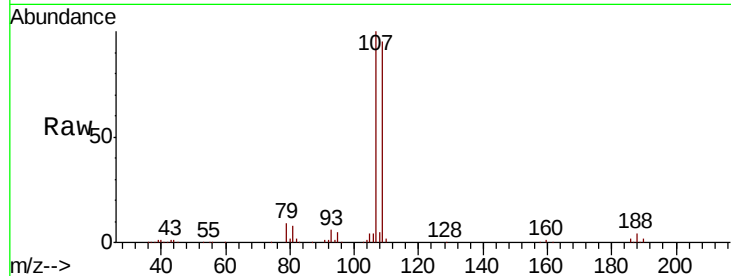




#61
 1,2-Dibromoethane
 Concen: 54.305 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

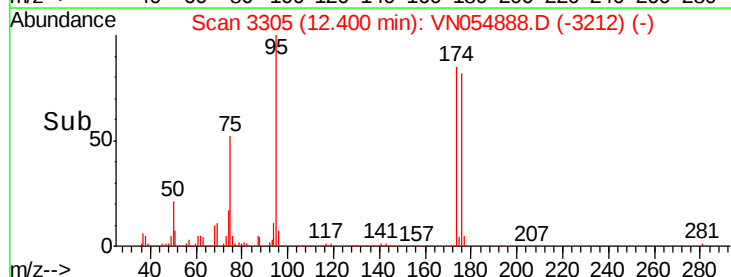
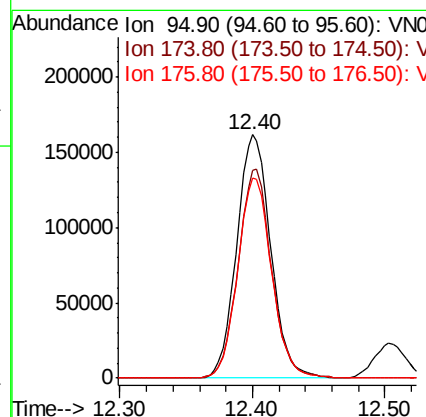
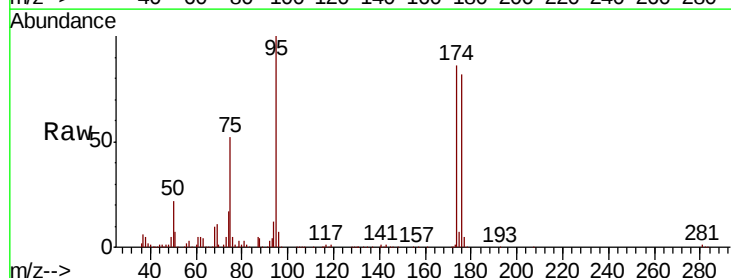
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

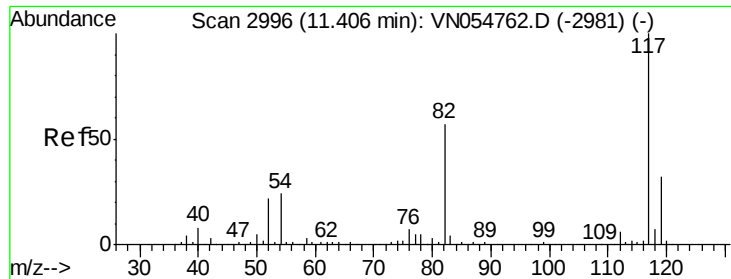
Tot Ion:107 Resp: 193870
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 55.220 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion: 95 Resp: 288247
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 191.0
 176 82.1 0.0 187.4

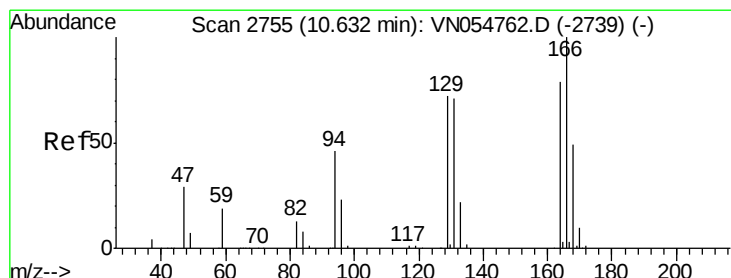
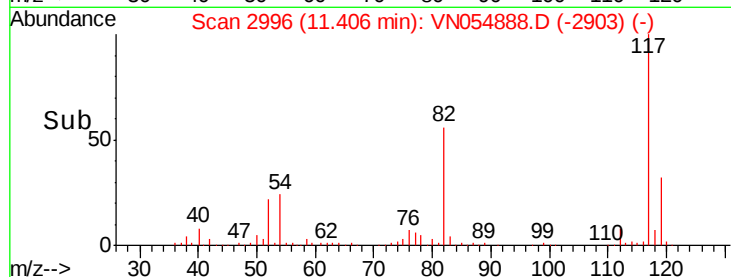
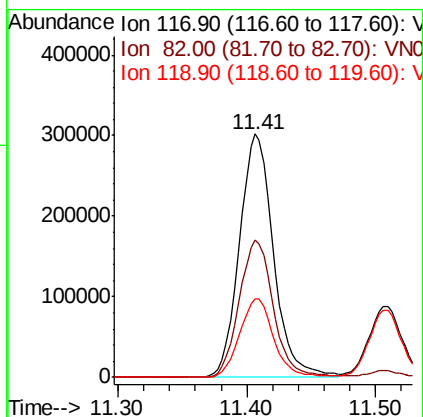
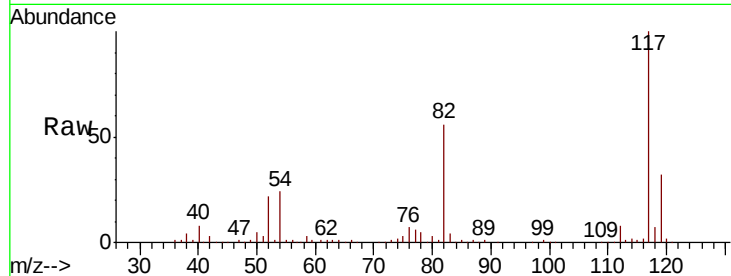




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

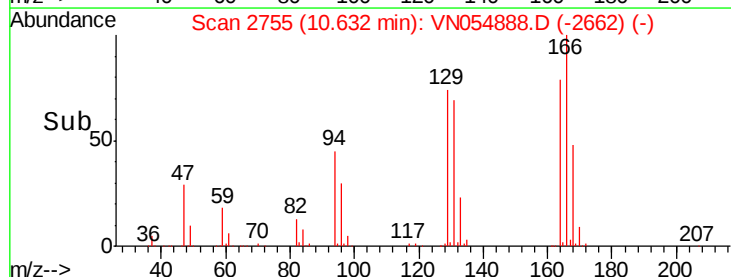
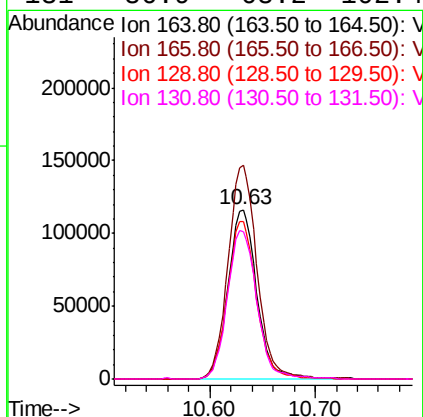
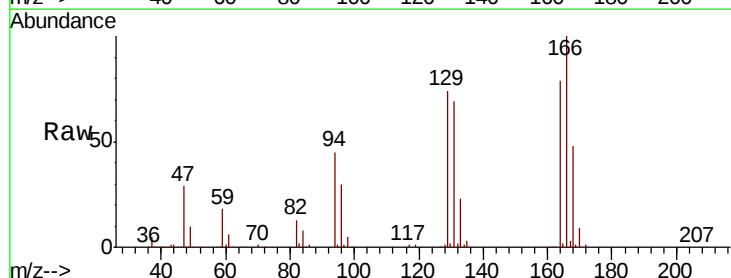
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 554930
Ion Ratio Lower Upper
117 100
82 56.2 40.0 60.0
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 51.623 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion:164 Resp: 219829
Ion Ratio Lower Upper
164 100
166 126.1 103.9 155.9
129 92.7 71.1 106.7
131 86.9 68.2 102.4

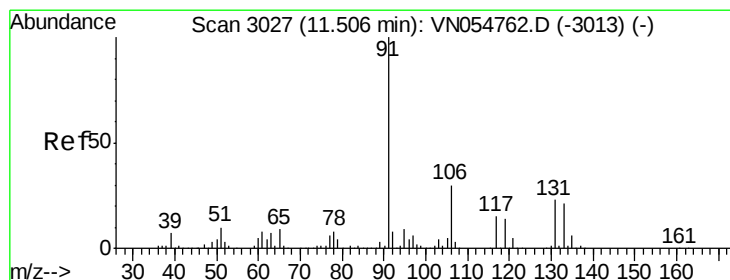
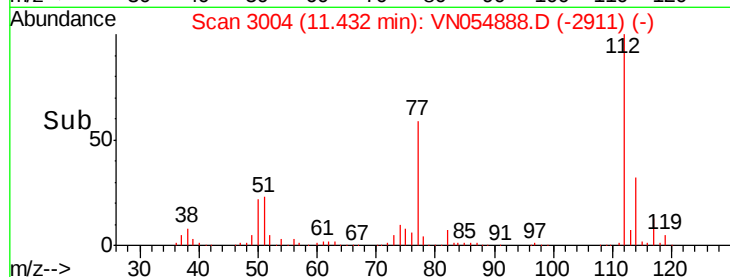
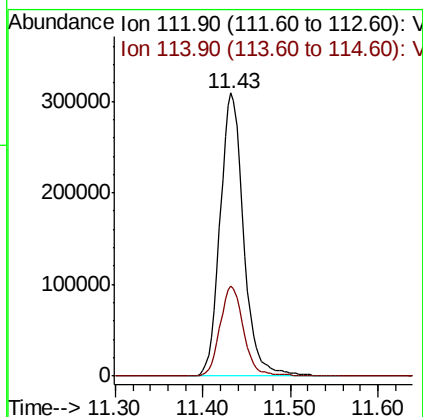
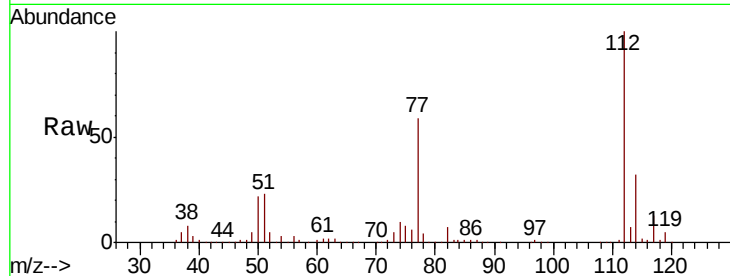




#65
Chlorobenzene
Concen: 53.116 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

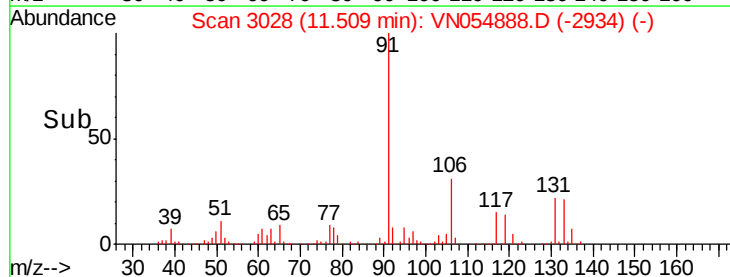
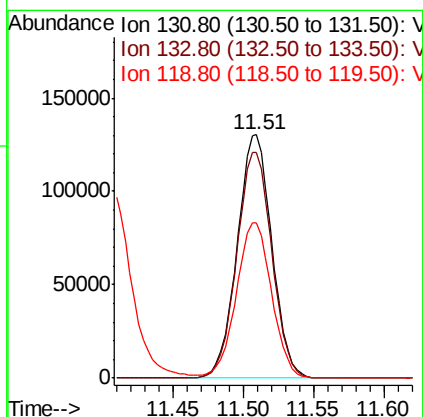
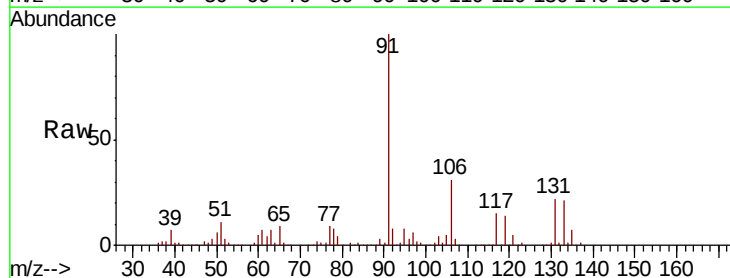
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

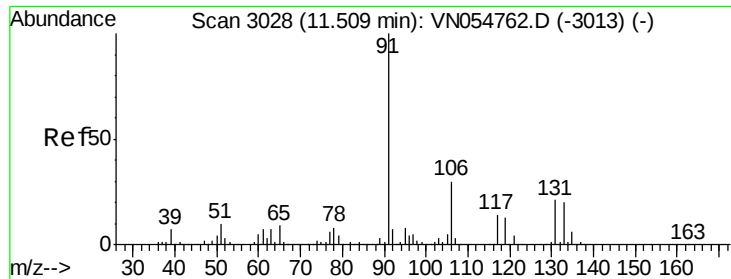
Tot Ion:112 Resp: 577107
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.997 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion:131 Resp: 223659
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 65.5 32.4 97.0

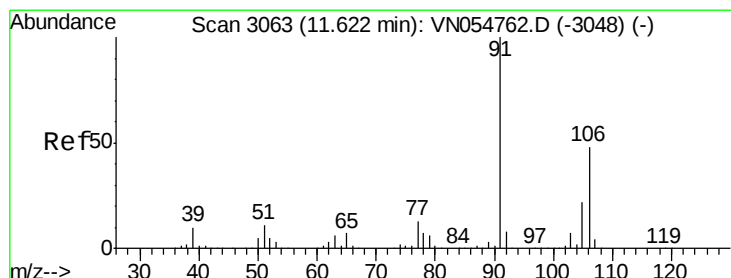
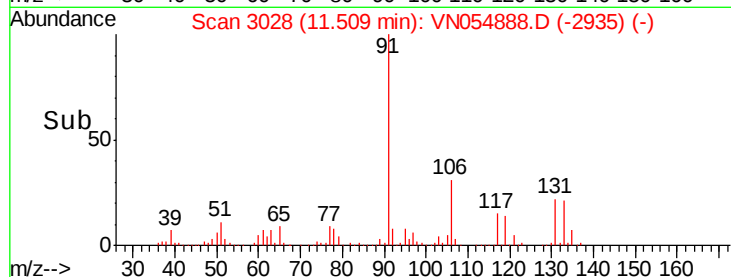
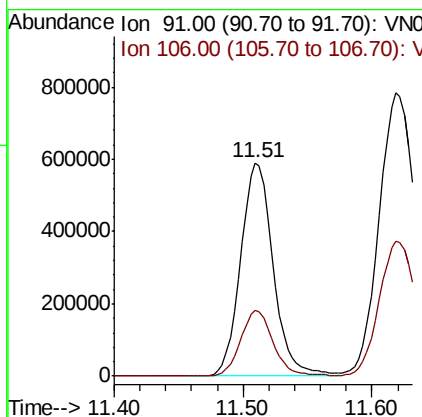
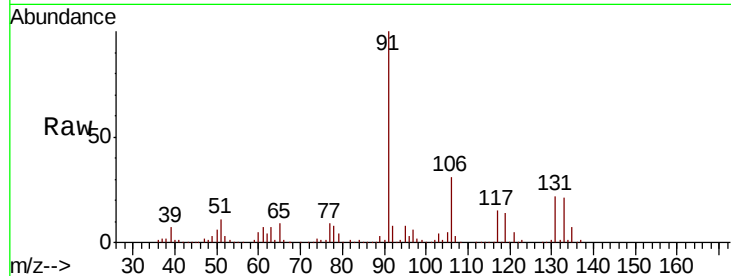




#67
Ethyl Benzene
Concen: 53.074 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

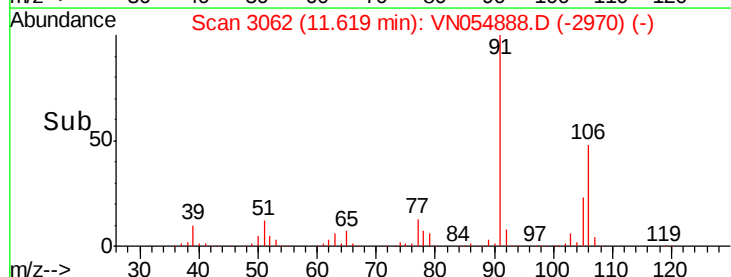
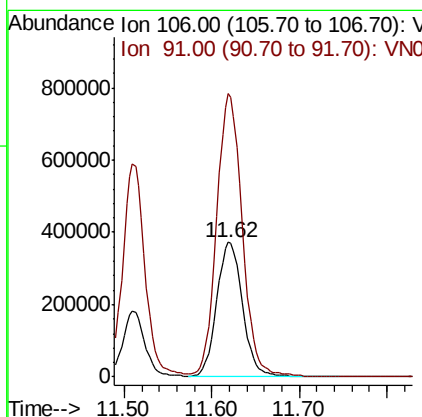
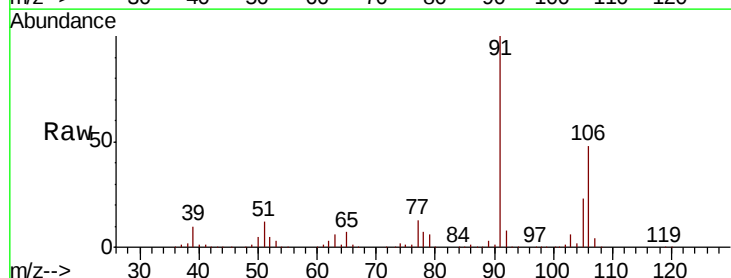
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

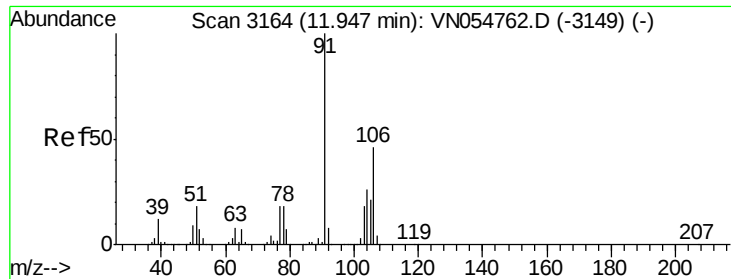
Tot Ion: 91 Resp: 1040585
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 105.621 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion: 106 Resp: 766341
Ion Ratio Lower Upper
106 100
91 208.0 159.4 239.2

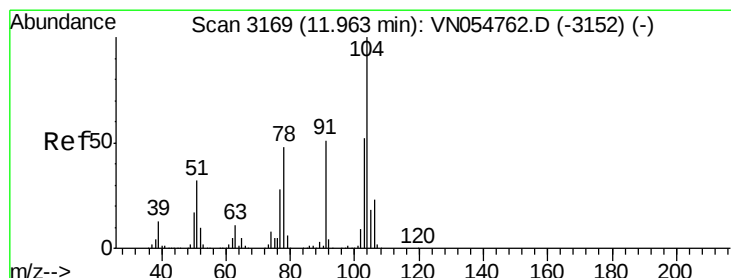
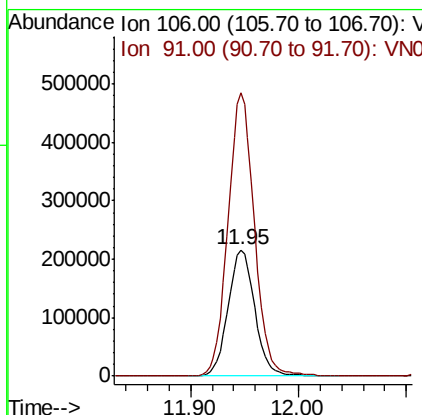
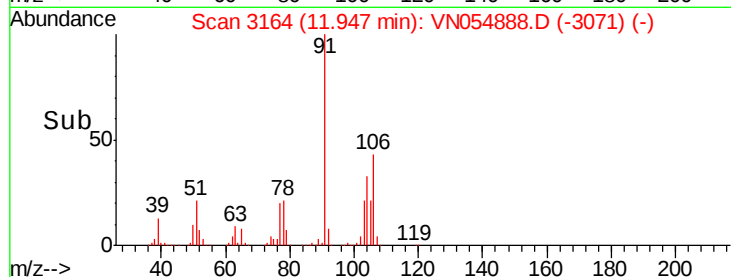
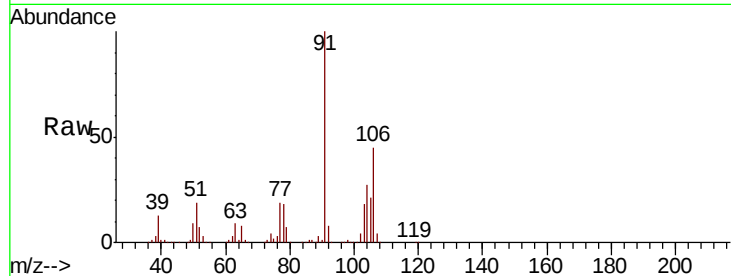




#69
o-Xylene
Concen: 52.505 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

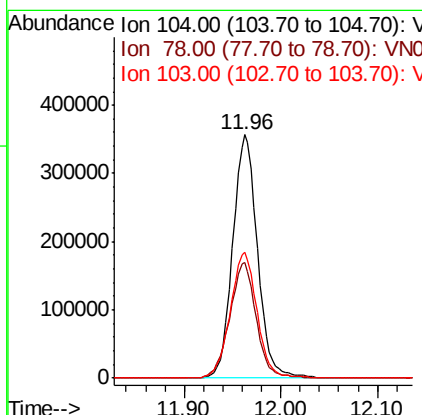
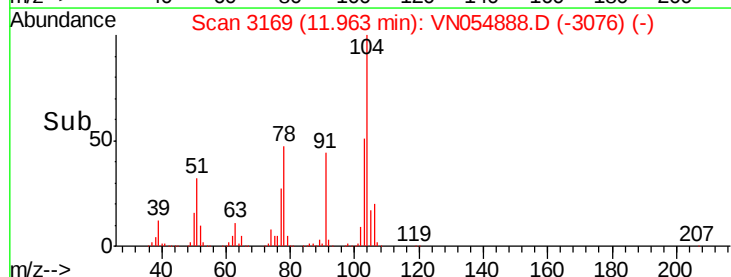
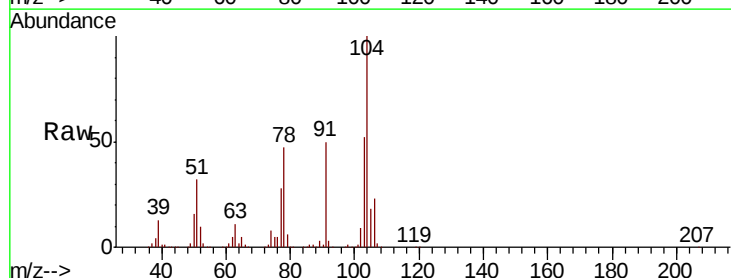
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 373559
Ion Ratio Lower Upper
106 100
91 221.4 105.7 317.1



#70
Styrene
Concen: 55.733 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054888.D
Acq: 1 Apr 2019 21:13

Tgt Ion:104 Resp: 634010
Ion Ratio Lower Upper
104 100
78 50.9 38.2 57.2
103 55.9 44.4 66.6





#71

Bromoform

Concen: 56.590 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

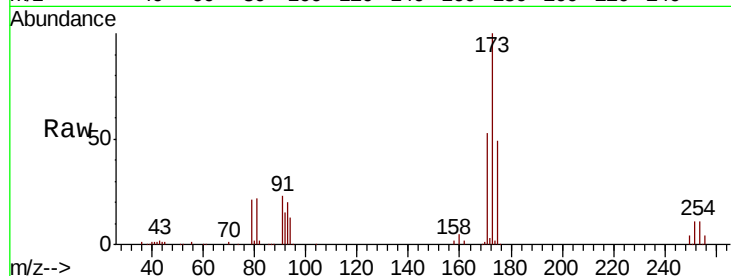
Tot Ion:173 Resp: 134822

Ion Ratio Lower Upper

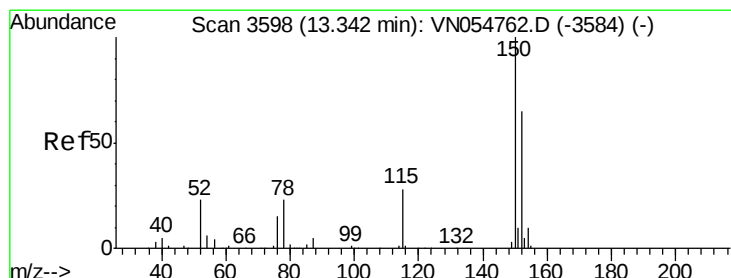
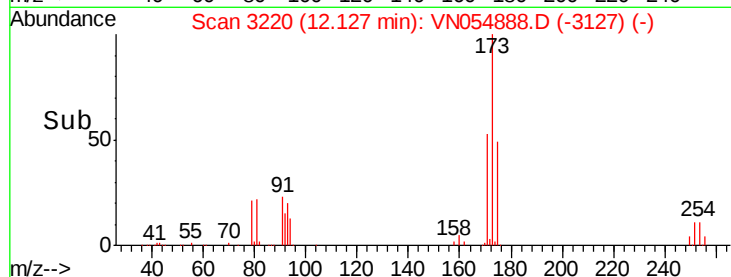
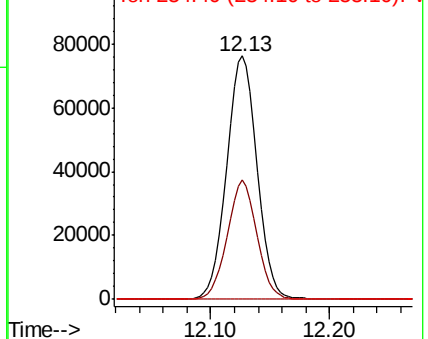
173 100

175 47.6 24.4 73.2

254 0.1 0.1 0.1#



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: VN054888.D

Acq: 1 Apr 2019 21:13

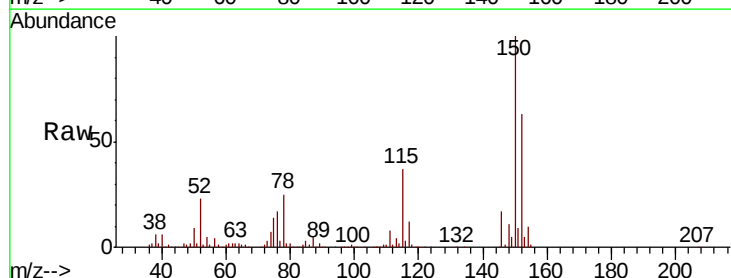
Tgt Ion:152 Resp: 244859

Ion Ratio Lower Upper

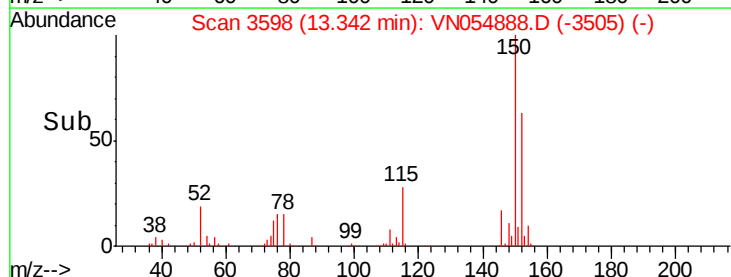
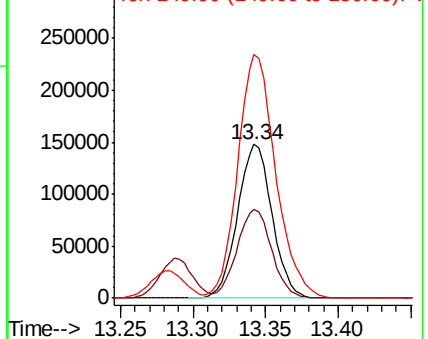
152 100

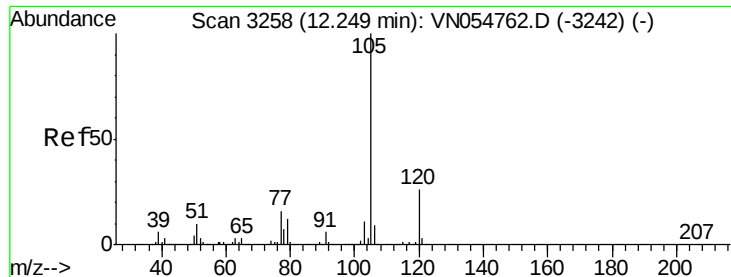
115 57.9 27.2 81.6

150 173.9 0.0 349.2



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





#73

Isopropylbenzene

Concen: 50.021 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

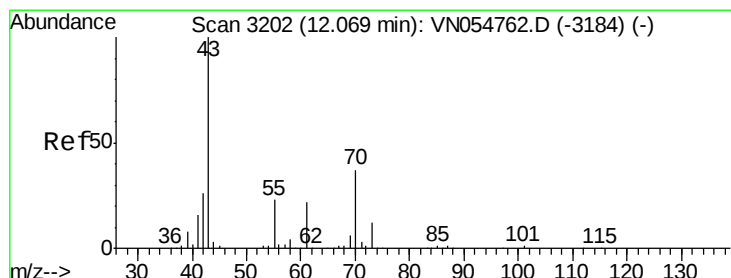
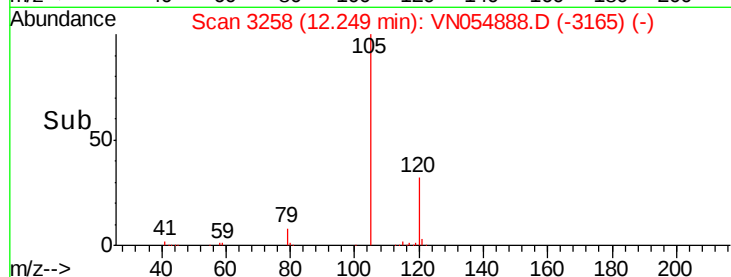
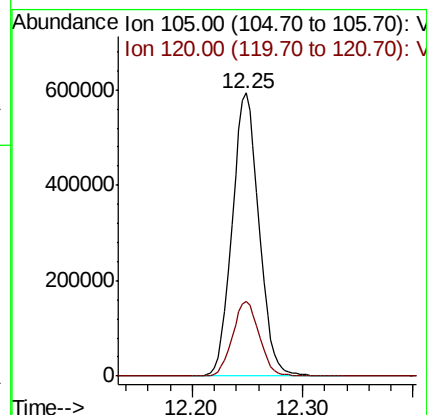
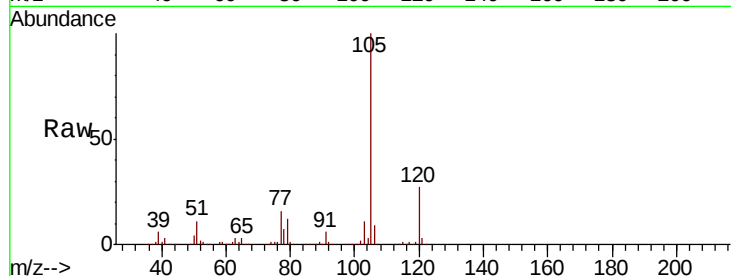
VSTDCCC050EC

Tot Ion:105 Resp: 1001105

Ion Ratio Lower Upper

105 100

120 26.3 13.8 41.3



#74

N-ethyl acetate

Concen: 51.168 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Tgt Ion: 43 Resp: 319036

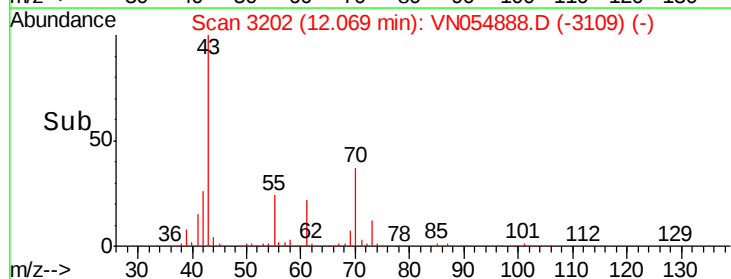
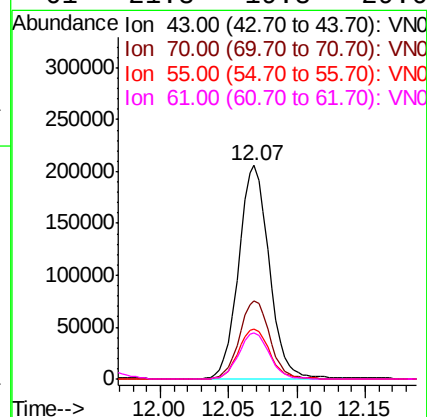
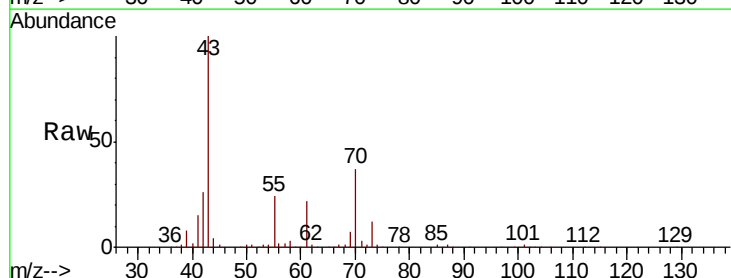
Ion Ratio Lower Upper

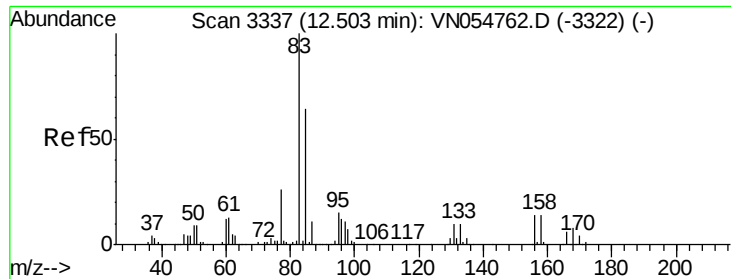
43 100

70 36.7 35.4 53.0

55 24.1 19.8 29.6

61 21.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 56.131 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

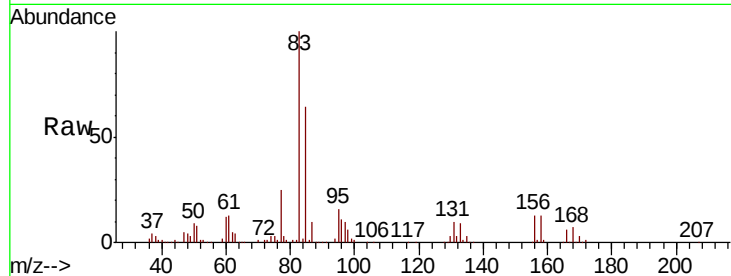
Tot Ion: 83 Resp: 246722

Ion Ratio Lower Upper

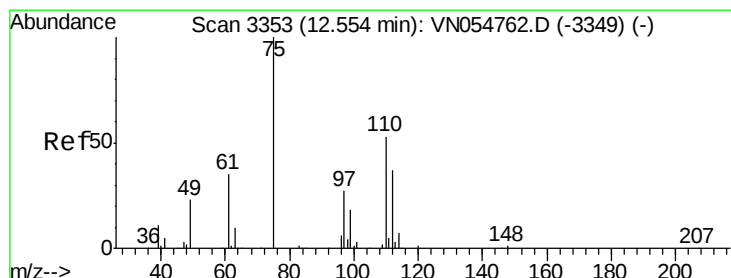
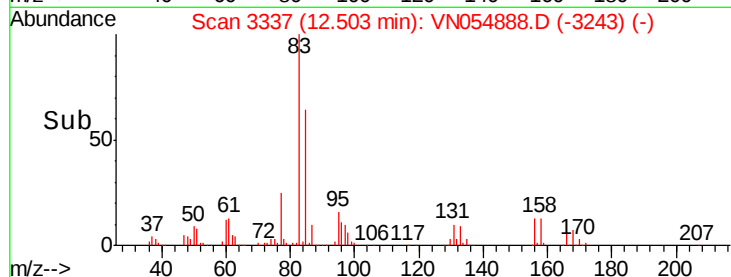
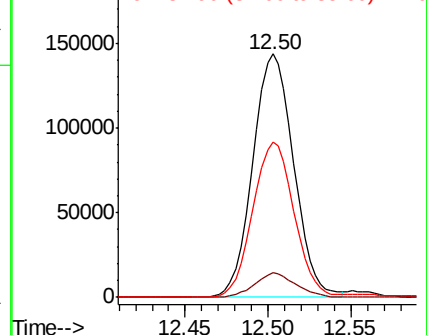
83 100

131 10.1 5.8 17.4

85 64.2 32.2 96.6



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



#76

1,2,3-Trichloropropane

Concen: 68.844 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054888.D

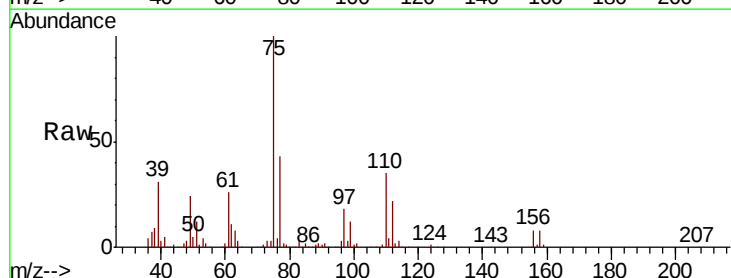
Acq: 1 Apr 2019 21:13

Tgt Ion: 75 Resp: 292846

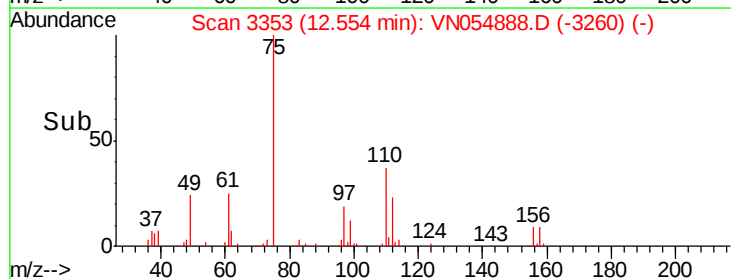
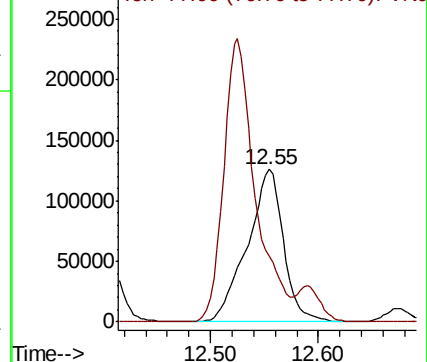
Ion Ratio Lower Upper

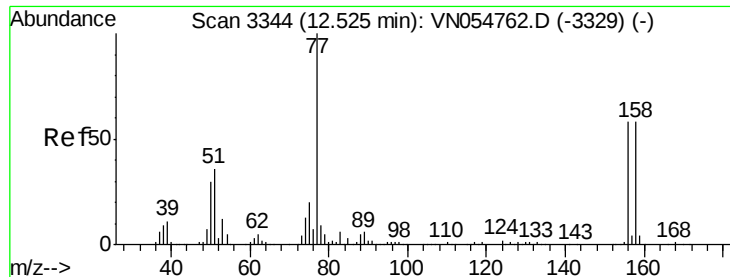
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.487 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

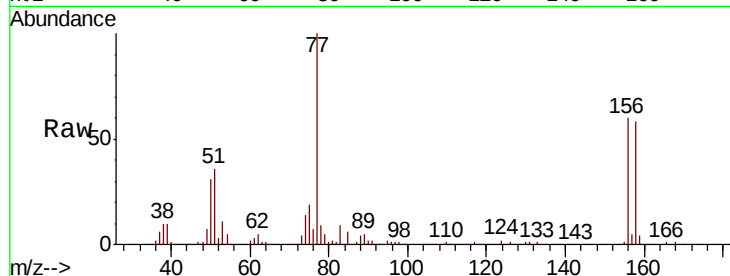
Tot Ion:156 Resp: 248696

Ion Ratio Lower Upper

156 100

77 192.0 81.5 244.4

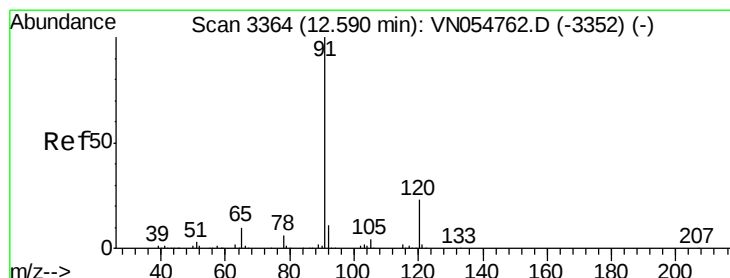
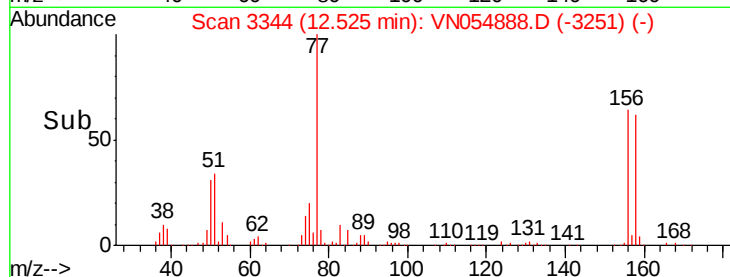
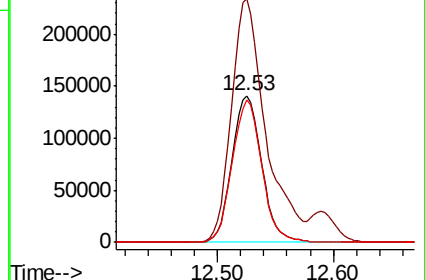
158 96.4 49.0 147.2



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: 50.540 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054888.D

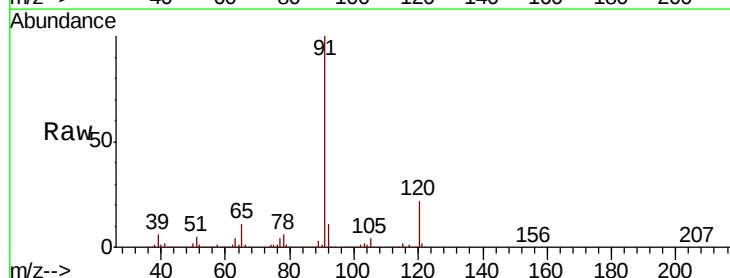
Acq: 1 Apr 2019 21:13

Tgt Ion: 91 Resp: 1111739

Ion Ratio Lower Upper

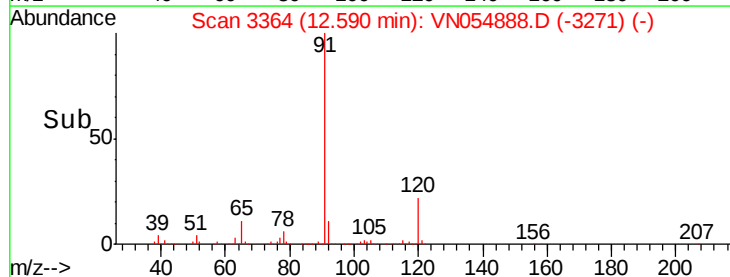
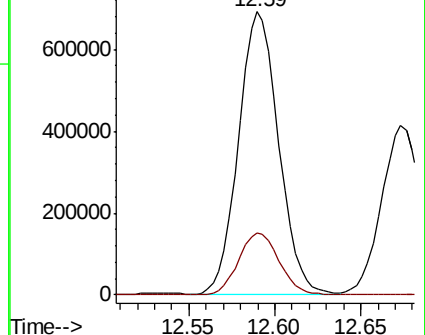
91 100

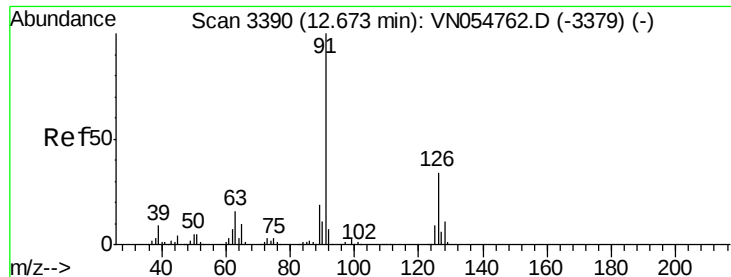
120 22.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.388 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

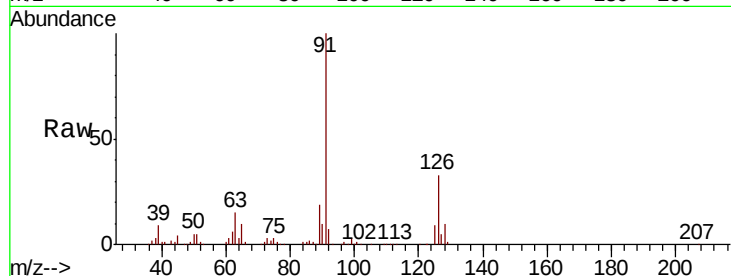
VSTDCCC050EC

Tot Ion: 91 Resp: 685727

Ion Ratio Lower Upper

91 100

126 33.7 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054762.D (-3379) (-)

12.67

400000

300000

200000

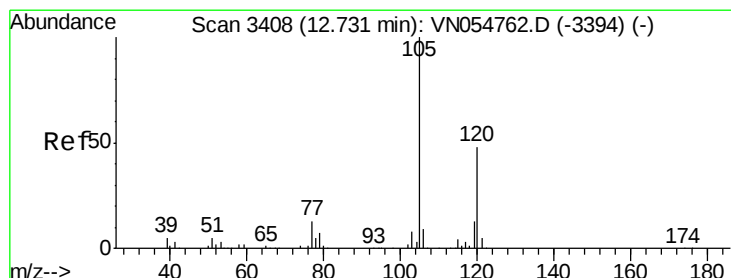
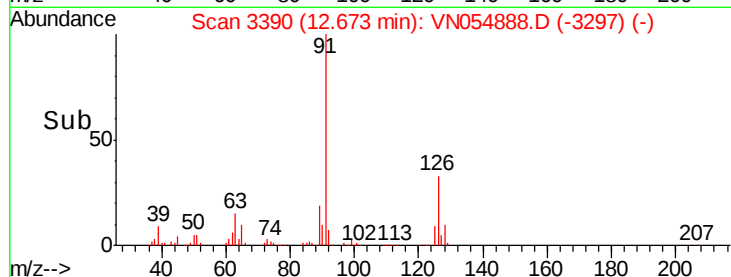
100000

0

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.739 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054888.D

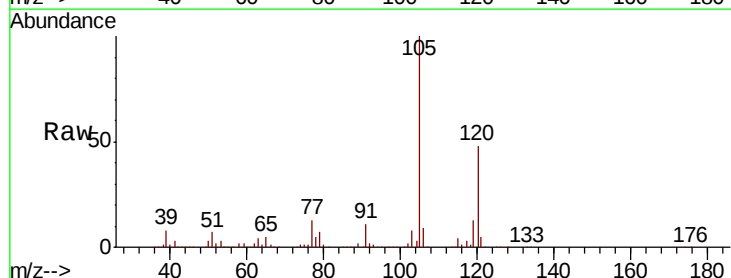
Acq: 1 Apr 2019 21:13

Tgt Ion:105 Resp: 816817

Ion Ratio Lower Upper

105 100

120 48.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054762.D (-3394) (-)

12.73

600000

500000

400000

300000

200000

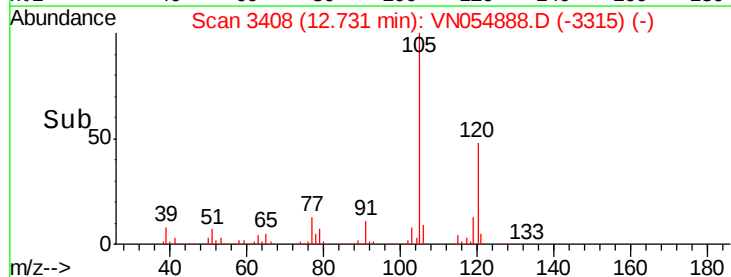
100000

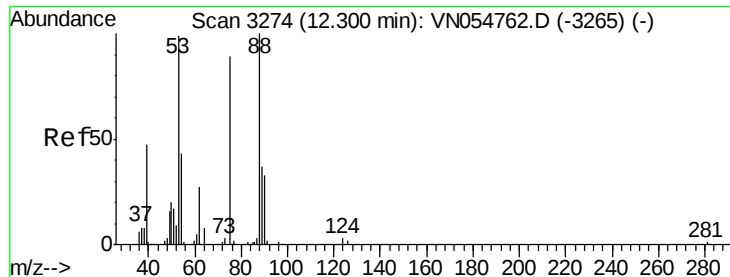
0

12.70

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.009 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

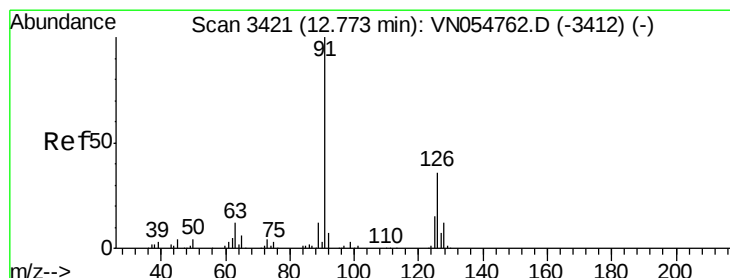
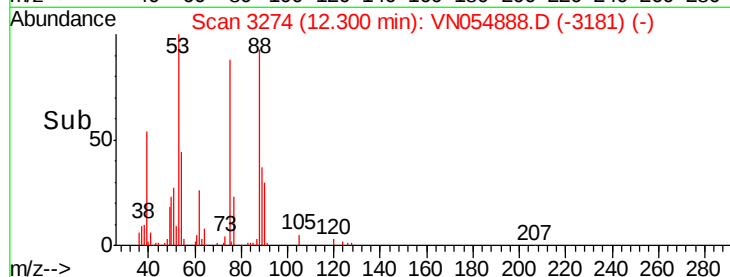
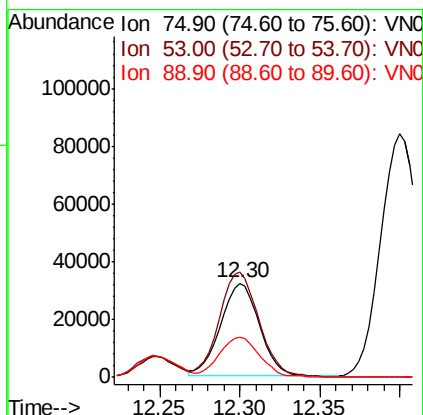
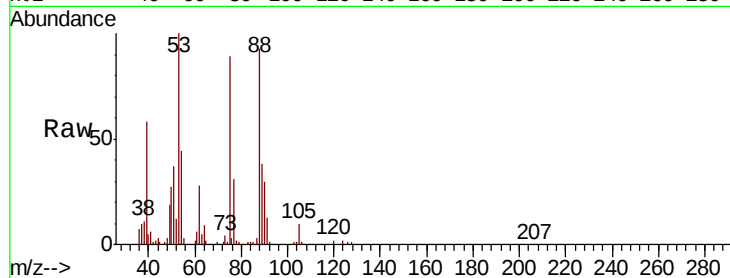
Tot Ion: 75 Resp: 53595

Ion Ratio Lower Upper

75 100

53 117.5 76.2 114.2#

89 45.4 39.2 58.8



#82

4-Chlorotoluene

Concen: 50.074 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054888.D

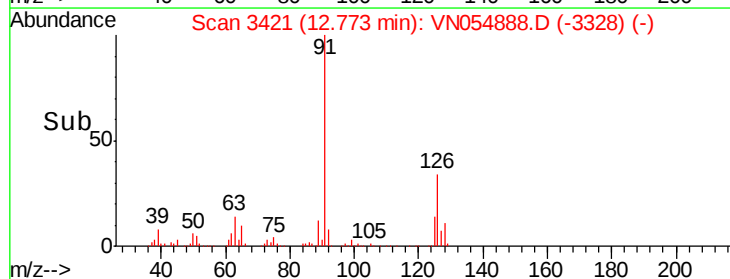
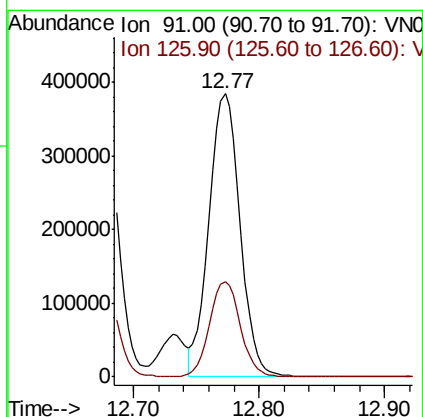
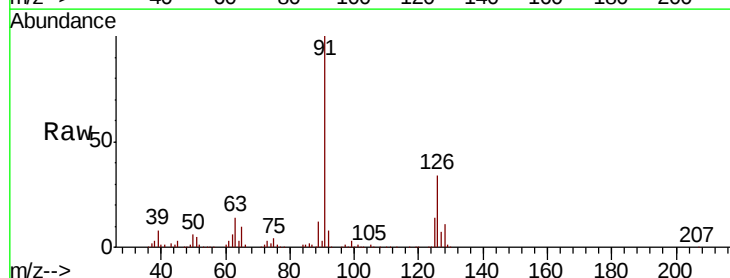
Acq: 1 Apr 2019 21:13

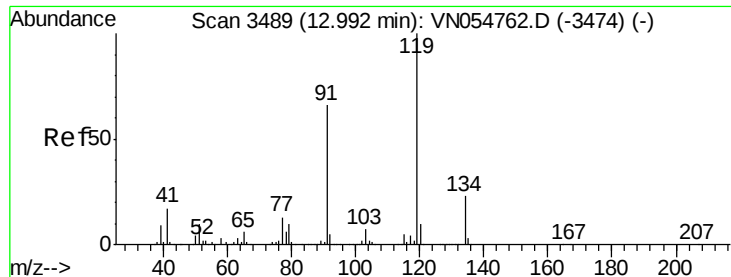
Tgt Ion: 91 Resp: 661895

Ion Ratio Lower Upper

91 100

126 33.5 18.1 54.1

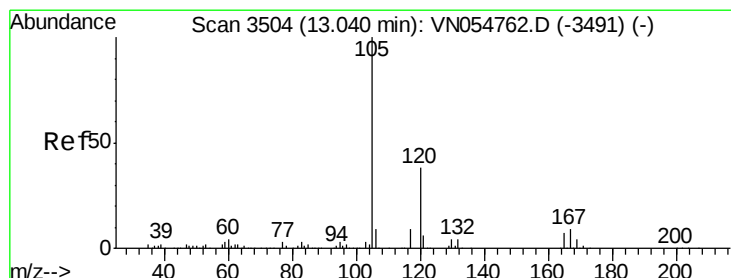
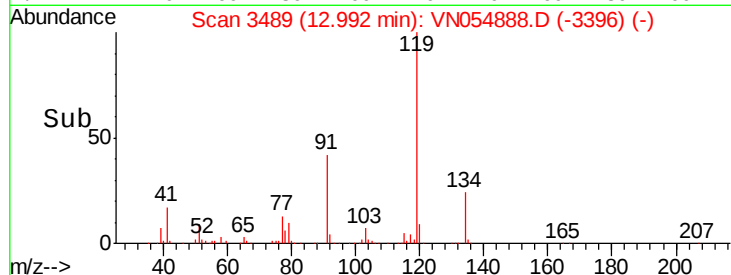
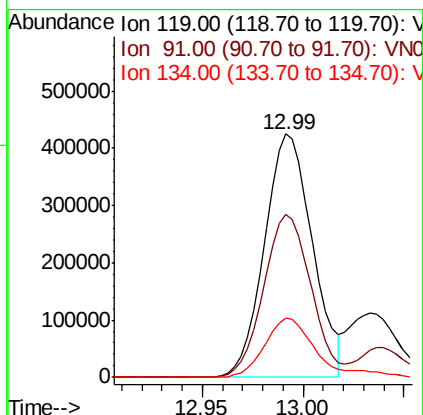
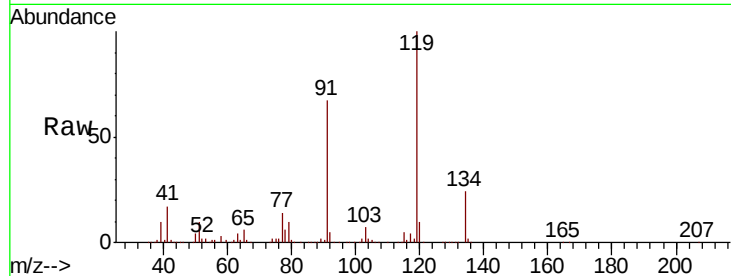




#83
 tert-Butylbenzene
 Concen: 55.280 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

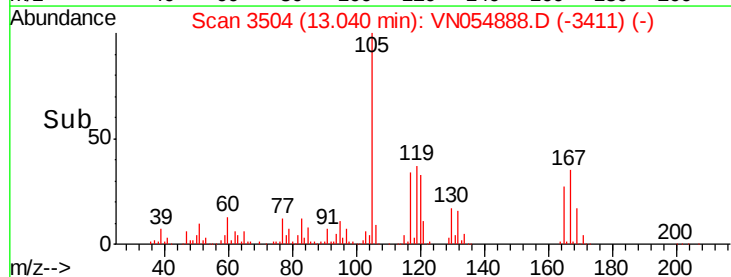
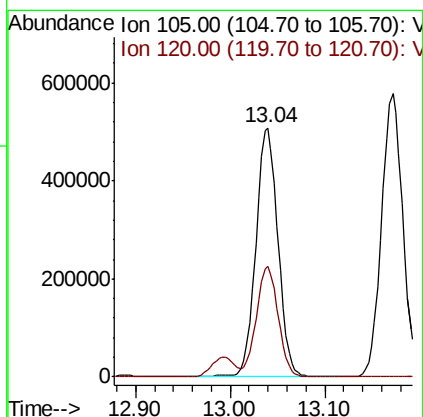
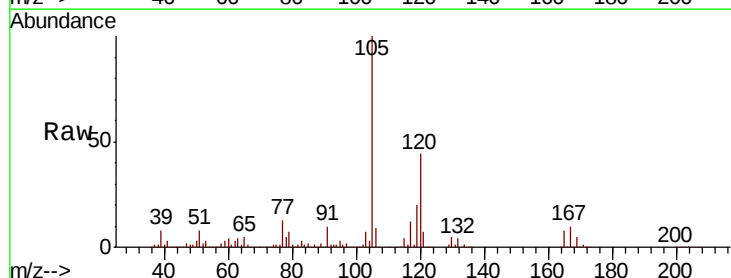
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

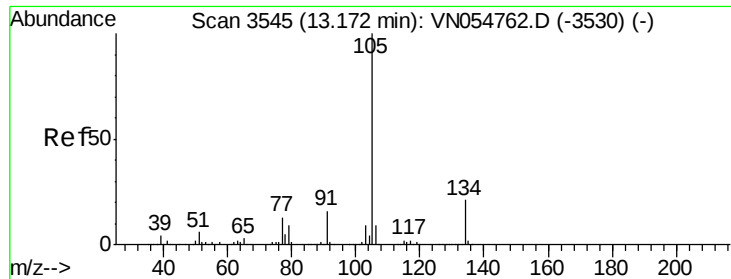
Tot Ion:119 Resp: 700581
 Ion Ratio Lower Upper
 119 100
 91 66.2 30.9 92.8
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.542 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion:105 Resp: 822035
 Ion Ratio Lower Upper
 105 100
 120 44.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 50.541 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

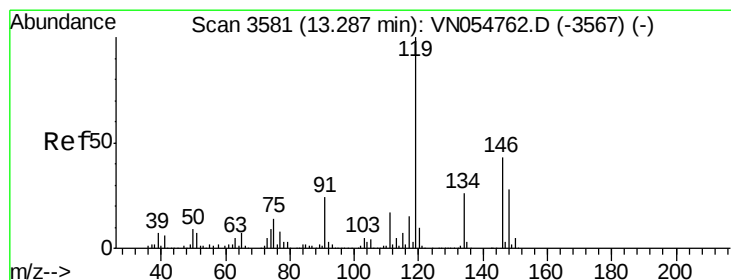
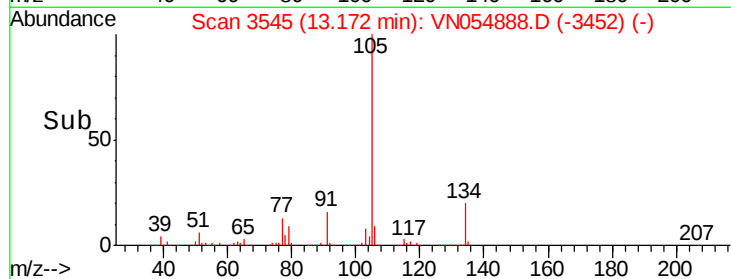
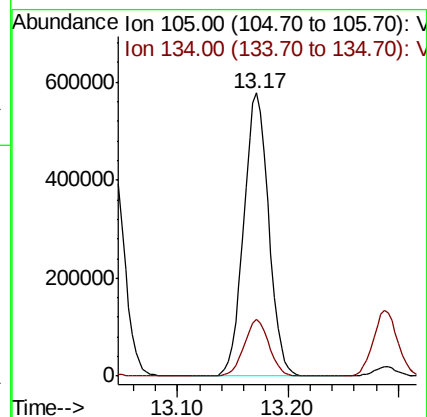
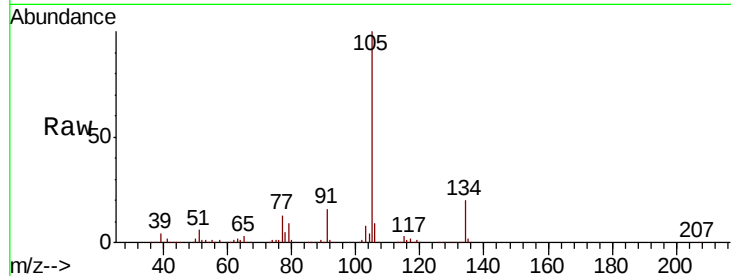
VSTDCCC050EC

Tot Ion:105 Resp: 901623

Ion Ratio Lower Upper

105 100

134 19.9 10.7 32.1



#86

p-Isopropyltoluene

Concen: 49.372 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

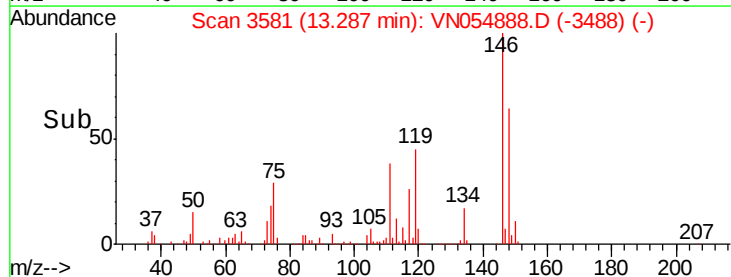
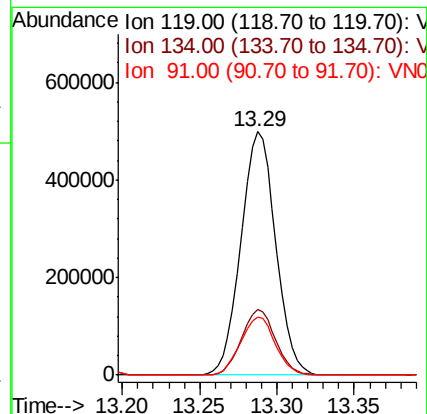
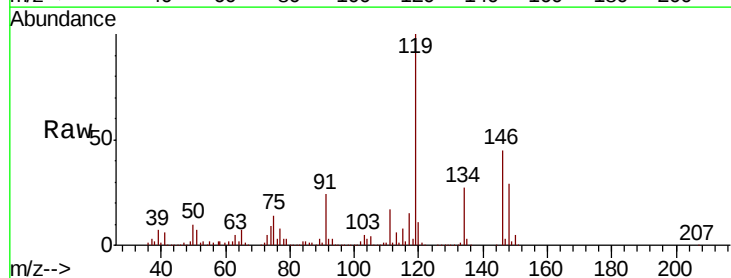
Tgt Ion:119 Resp: 776821

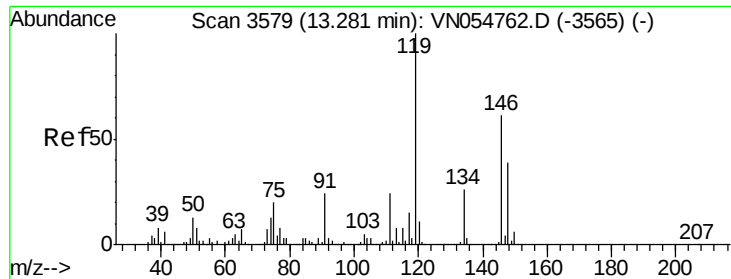
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 23.8 11.1 33.3

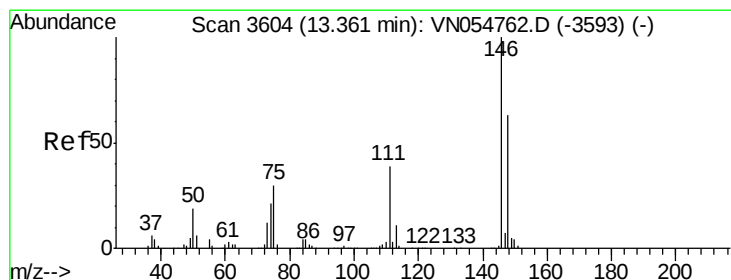
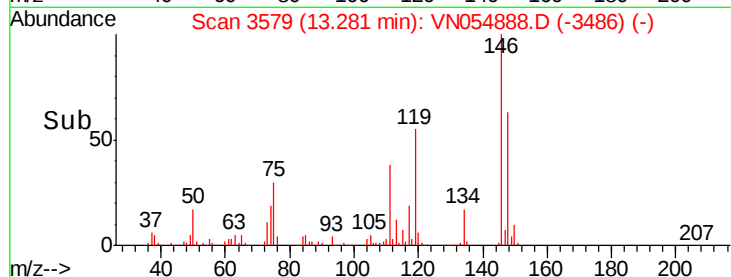
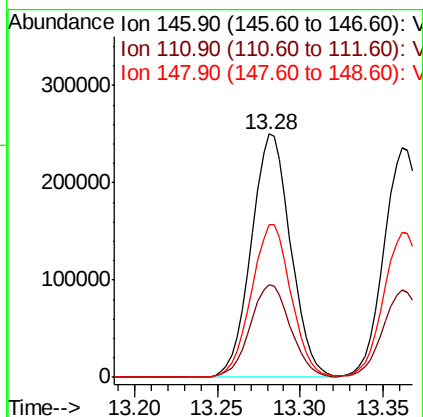
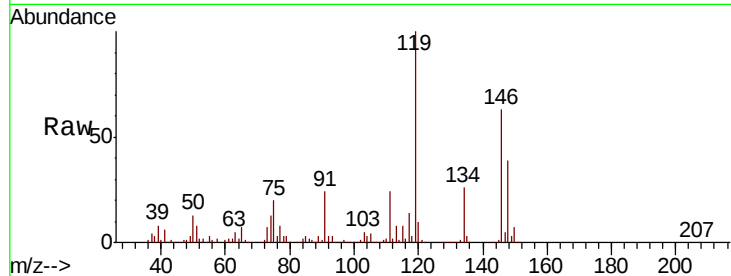




#87
 1,3-Dichlorobenzene
 Concen: 51.092 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

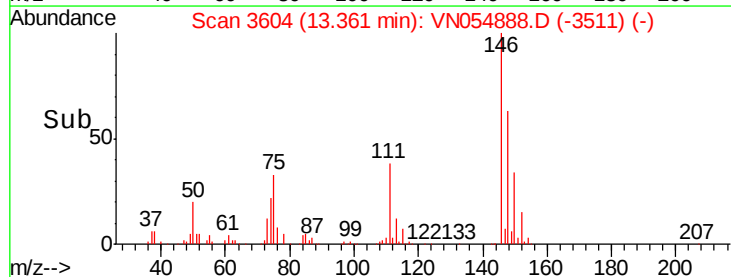
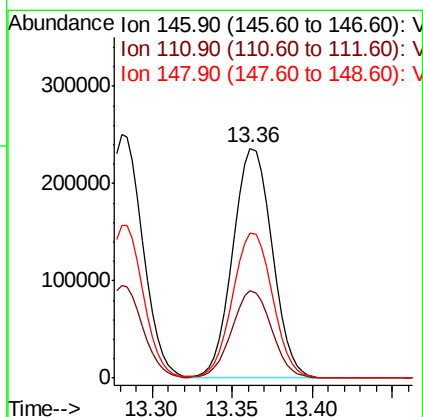
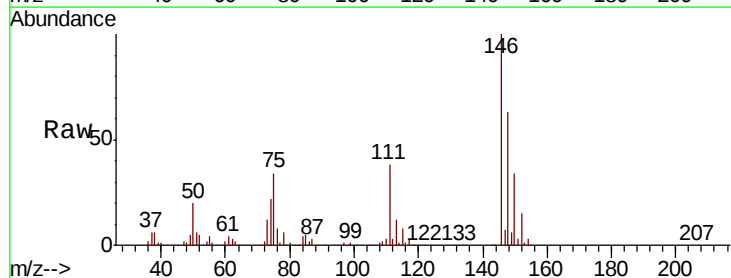
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

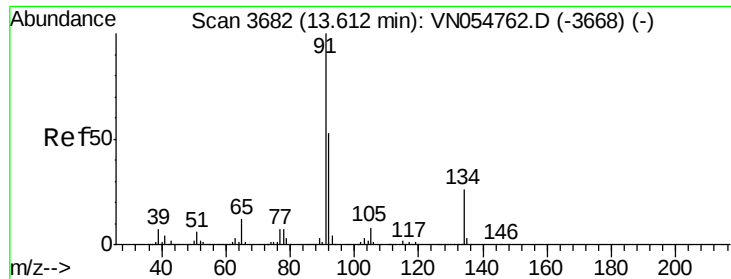
Tot Ion:146 Resp: 413183
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.8 56.3
 148 63.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.050 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion:146 Resp: 396981
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.1 54.1
 148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 49.158 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

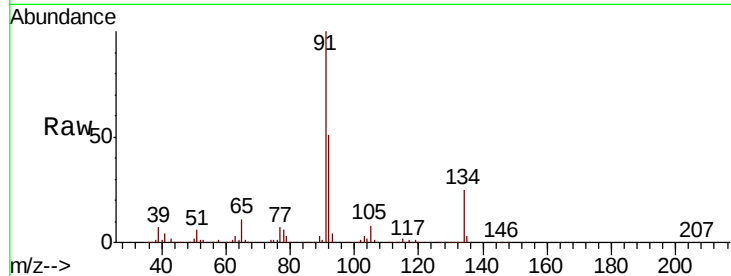
Tot Ion: 91 Resp: 631055

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.6

134 25.3 14.3 42.9

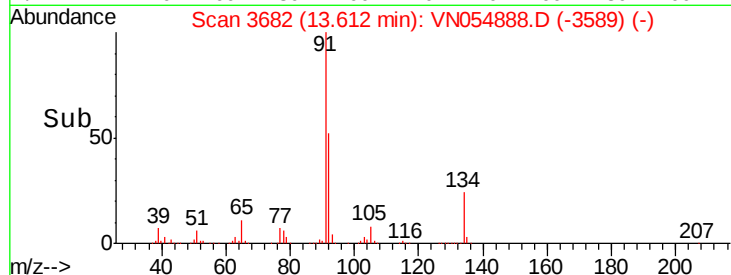


Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054762.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054762.D (-3668) (-)

Time-->

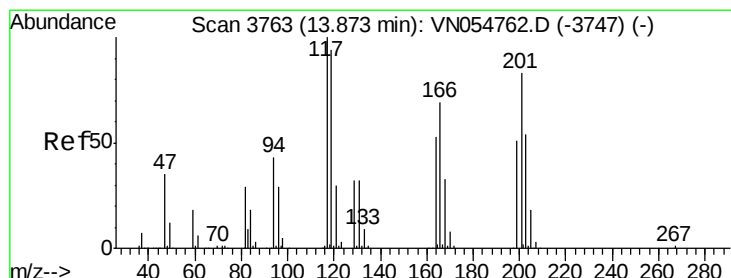


Abundance Ion 91.00 (90.70 to 91.70): VN054888.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN054888.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN054888.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: 51.787 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054888.D

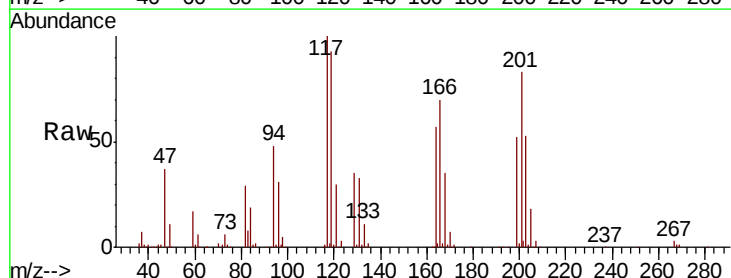
Acq: 1 Apr 2019 21:13

Tgt Ion: 117 Resp: 138344

Ion Ratio Lower Upper

117 100

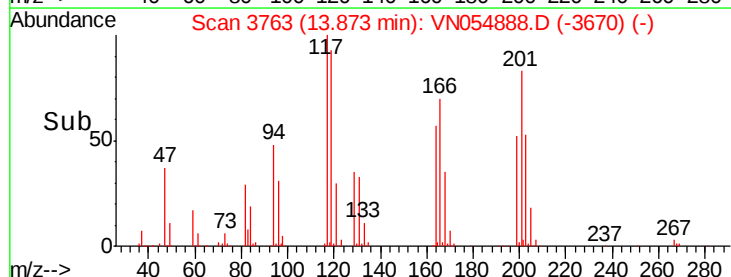
201 84.4 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054762.D (-3747) (-)

Ion 200.70 (200.40 to 201.40): VN054762.D (-3747) (-)

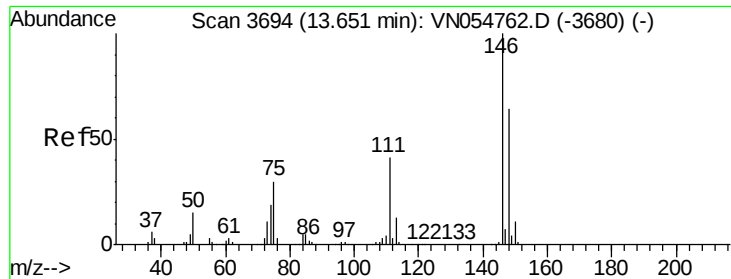
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN054888.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN054888.D (-3670) (-)

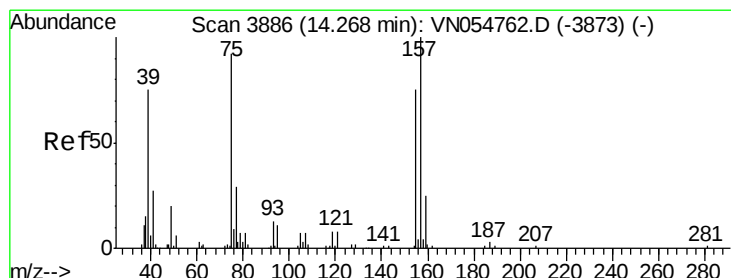
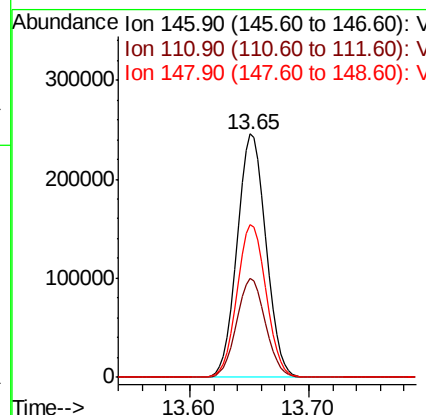
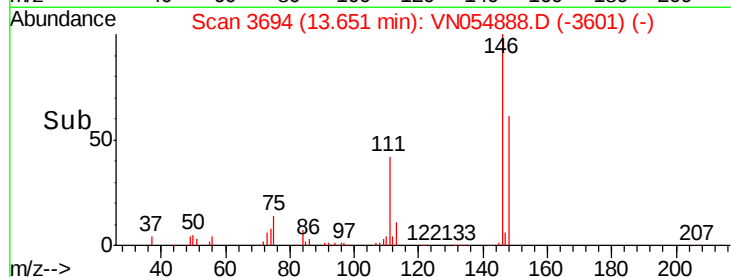
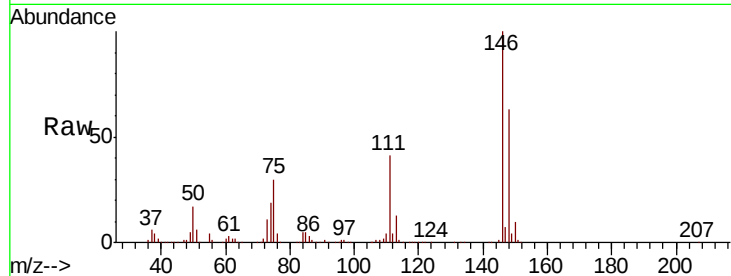
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 50.552 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

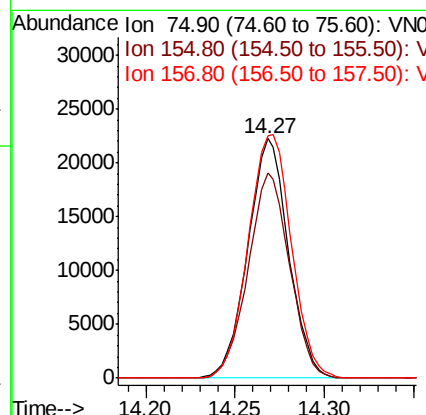
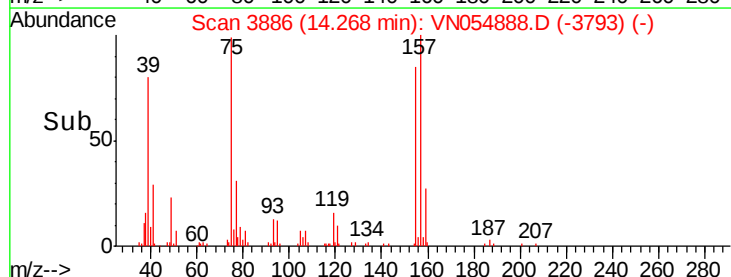
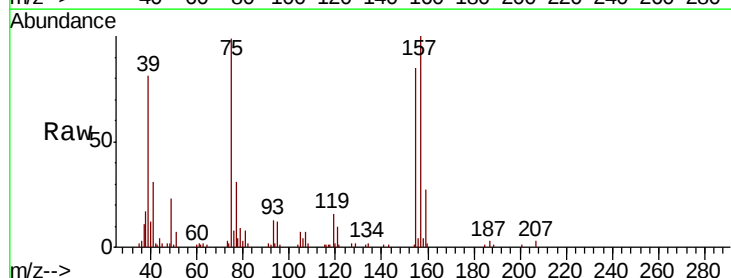
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

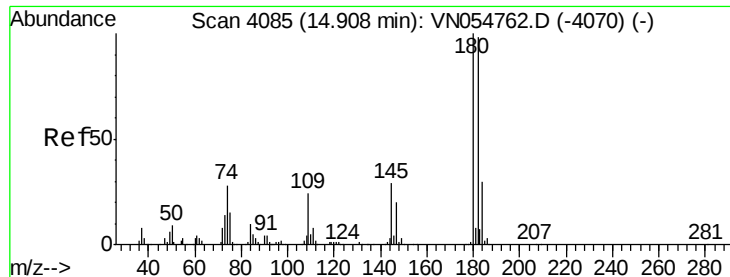
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.3
148	63.3	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.746 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	50.1	150.3
157	108.3	63.1	189.3

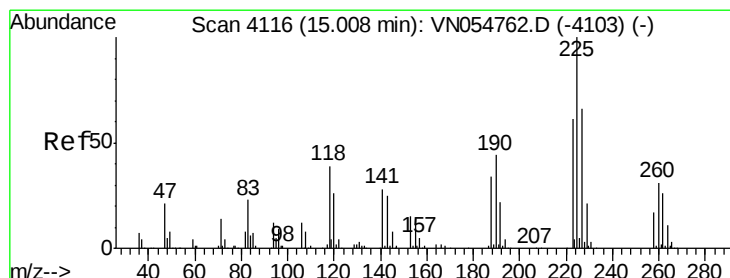
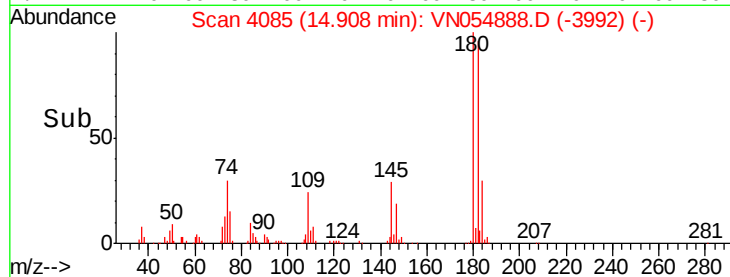
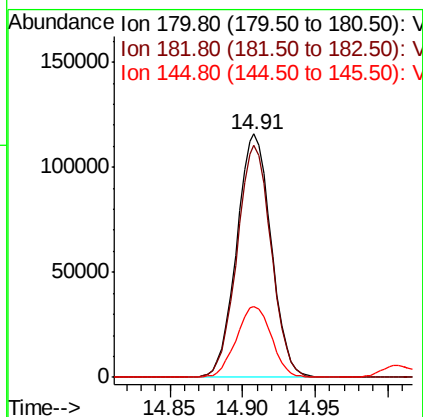
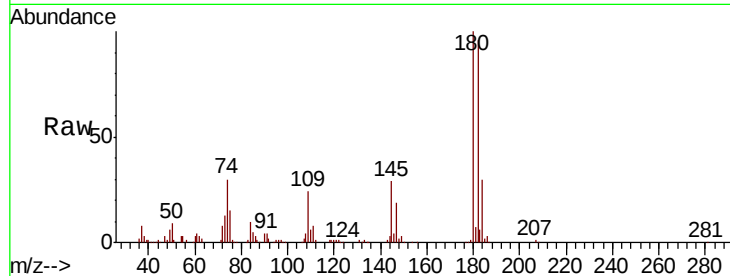




#93
 1,2,4-Trichlorobenzene
 Concen: 48.561 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

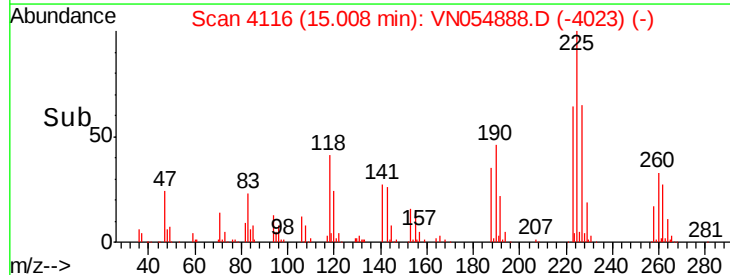
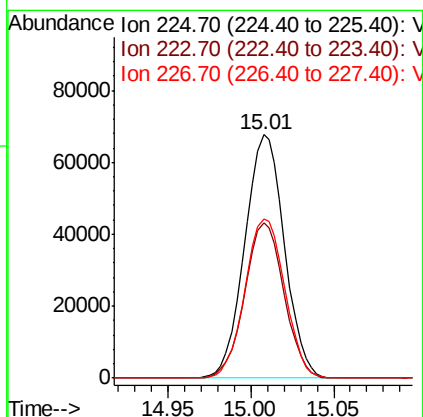
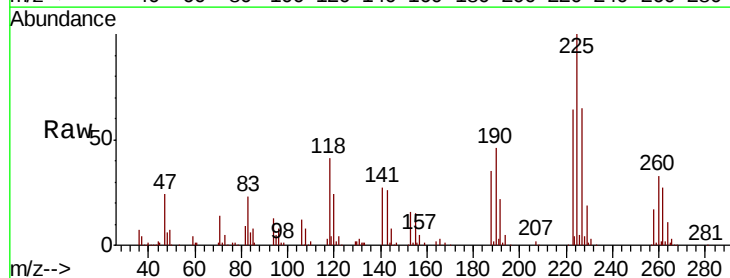
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 191077
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.0 144.2
 145 29.8 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 48.152 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054888.D
 Acq: 1 Apr 2019 21:13

Tgt Ion:225 Resp: 112389
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.5
 227 65.7 31.9 95.9





#95

Naphthalene

Concen: 47.745 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

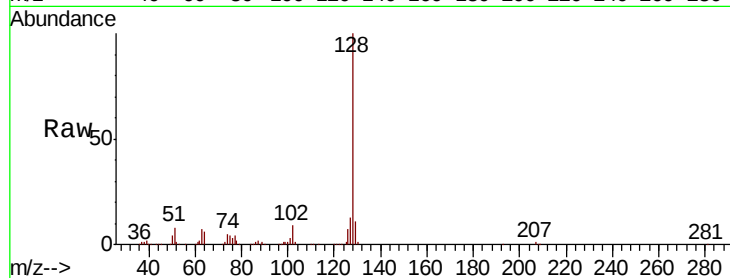
Tot Ion:128 Resp: 421351

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

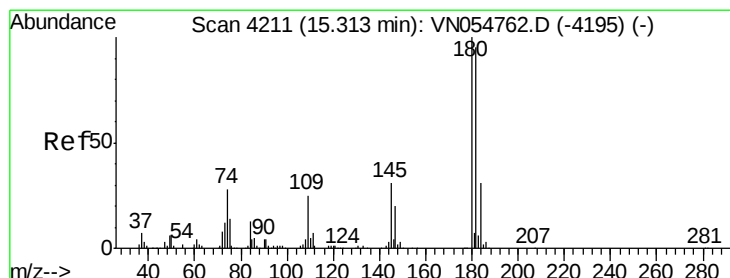
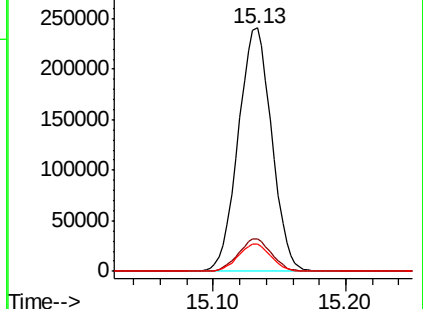
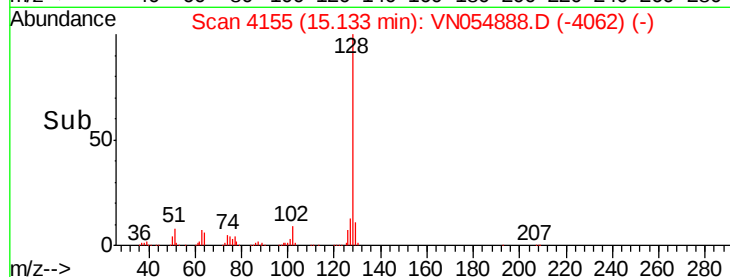
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.706 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054888.D

Acq: 1 Apr 2019 21:13

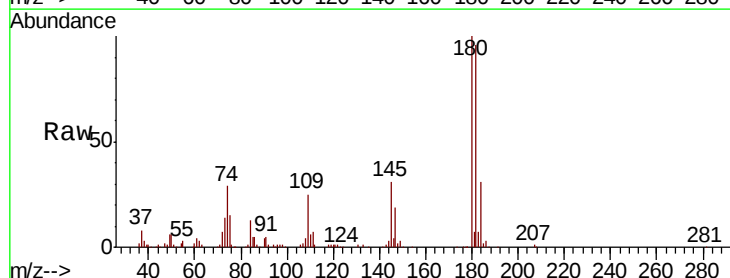
Tgt Ion:180 Resp: 193547

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.6

145 31.1 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

