

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032620\
 Data File : VN060729.D
 Acq On : 26 Mar 2020 21:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 27 05:37:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129447	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.57	113	97216	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.08	98	385069	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	143820	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	89063	48.022	ug/l 99
3) Chloromethane	2.04	50	150865	43.554	ug/l 99
4) Vinyl Chloride	2.17	62	119594	44.142	ug/l 99
5) Bromomethane	2.55	94	56726	48.502	ug/l 100
6) Chloroethane	2.69	64	74866	47.970	ug/l 99
7) Trichlorofluoromethane	3.00	101	160331	48.040	ug/l 99
8) Diethyl Ether	3.38	74	65768	49.054	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96763	50.036	ug/l 99
10) Methyl Iodide	3.93	142	81800	47.536	ug/l 100
11) Tert butyl alcohol	4.72	59	84596	218.607	ug/l 100
12) 1,1-Dichloroethene	3.72	96	98939	47.676	ug/l 98
13) Acrolein	3.57	56	111490	259.953	ug/l 99
14) Allyl chloride	4.29	41	171580	47.009	ug/l 99
15) Acrylonitrile	4.94	53	276962	243.388	ug/l 99
16) Acetone	3.78	43	218505	234.434	ug/l 99
17) Carbon Disulfide	4.03	76	285821	45.286	ug/l 100
18) Methyl Acetate	4.28	43	127747	48.694	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	339725	47.614	ug/l 98
20) Methylene Chloride	4.52	84	110836	48.341	ug/l 99
21) trans-1,2-Dichloroethene	5.01	96	104198	47.111	ug/l 98
22) Diisopropyl ether	5.91	45	390449	50.634	ug/l 96
23) Vinyl Acetate	5.86	43	1592240	253.071	ug/l 99
24) 1,1-Dichloroethane	5.82	63	206623	49.152	ug/l 98
25) 2-Butanone	6.80	43	359499	238.360	ug/l 100
26) 2,2-Dichloropropane	6.79	77	158964	48.062	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	121008	48.145	ug/l 100
28) Bromochloromethane	7.17	49	97124	48.290	ug/l 99
29) Tetrahydrofuran	7.18	42	249399	233.711	ug/l 99
30) Chloroform	7.35	83	196194	48.684	ug/l 99
31) Cyclohexane	7.63	56	196097	46.271	ug/l 98
32) 1,1,1-Trichloroethane	7.54	97	171002	49.222	ug/l 100
36) 1,1-Dichloropropene	7.77	75	154265	50.479	ug/l 100
37) Ethyl Acetate	6.89	43	156417	47.369	ug/l 98
38) Carbon Tetrachloride	7.75	117	136233	49.739	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	187085	51.515	ug/l	99
40) Benzene	8.02	78	457641	49.607	ug/l	99
41) Methacrylonitrile	7.18	41	224494	159.303	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	158054	50.132	ug/l	100
43) Isopropyl Acetate	8.14	43	270949	49.754	ug/l	99
44) Trichloroethene	8.82	130	115627	49.719	ug/l	98
45) 1,2-Dichloropropane	9.10	63	125681	51.630	ug/l	97
46) Dibromomethane	9.19	93	74341	50.515	ug/l	100
47) Bromodichloromethane	9.39	83	155478	50.841	ug/l	97
48) Methyl methacrylate	9.18	41	119999	49.492	ug/l	99
49) 1,4-Dioxane	9.18	88	26996	936.735	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	776429	250.552	ug/l	100
52) Toluene	10.14	92	278917	50.062	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	179896	51.212	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	193184	50.129	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	107753	50.272	ug/l	99
56) Ethyl methacrylate	10.42	69	172122	51.501	ug/l	99
57) 1,3-Dichloropropane	10.70	76	186243	50.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	408409	245.873	ug/l	100
59) 2-Hexanone	10.74	43	556991	249.517	ug/l	100
60) Dibromochloromethane	10.89	129	112893	50.989	ug/l	100
61) 1,2-Dibromoethane	10.99	107	108587	50.381	ug/l	99
64) Tetrachloroethene	10.62	164	109264	47.648	ug/l	99
65) Chlorobenzene	11.43	112	282785	48.951	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	104221	49.828	ug/l	98
67) Ethyl Benzene	11.50	91	538599	50.135	ug/l	99
68) m/p-Xylenes	11.62	106	396821	99.400	ug/l	100
69) o-Xylene	11.94	106	189828	49.811	ug/l	100
70) Styrene	11.96	104	317306	50.909	ug/l	100
71) Bromoform	12.12	173	80630	46.503	ug/l #	99
73) Isopropylbenzene	12.25	105	513354	47.780	ug/l	100
74) N-amyl acetate	12.06	43	237907	47.919	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	154341	47.502	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	206767	66.931	ug/l #	100
77) Bromobenzene	12.52	156	121569	46.956	ug/l	98
78) n-propylbenzene	12.59	91	613869	48.361	ug/l	99
79) 2-Chlorotoluene	12.67	91	354299	46.714	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	436487	47.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	54872	45.618	ug/l	99
82) 4-Chlorotoluene	12.77	91	368926	47.760	ug/l	100
83) tert-Butylbenzene	12.99	119	364156	48.179	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	434493	48.168	ug/l	99
85) sec-Butylbenzene	13.17	105	507190	49.902	ug/l	100
86) p-Isopropyltoluene	13.28	119	453283	49.596	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	222418	48.710	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	222449	48.489	ug/l	99
89) n-Butylbenzene	13.61	91	430362	52.155	ug/l	100
90) Hexachloroethane	13.87	117	67592	50.878	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	213390	48.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30703	45.089	ug/l	99

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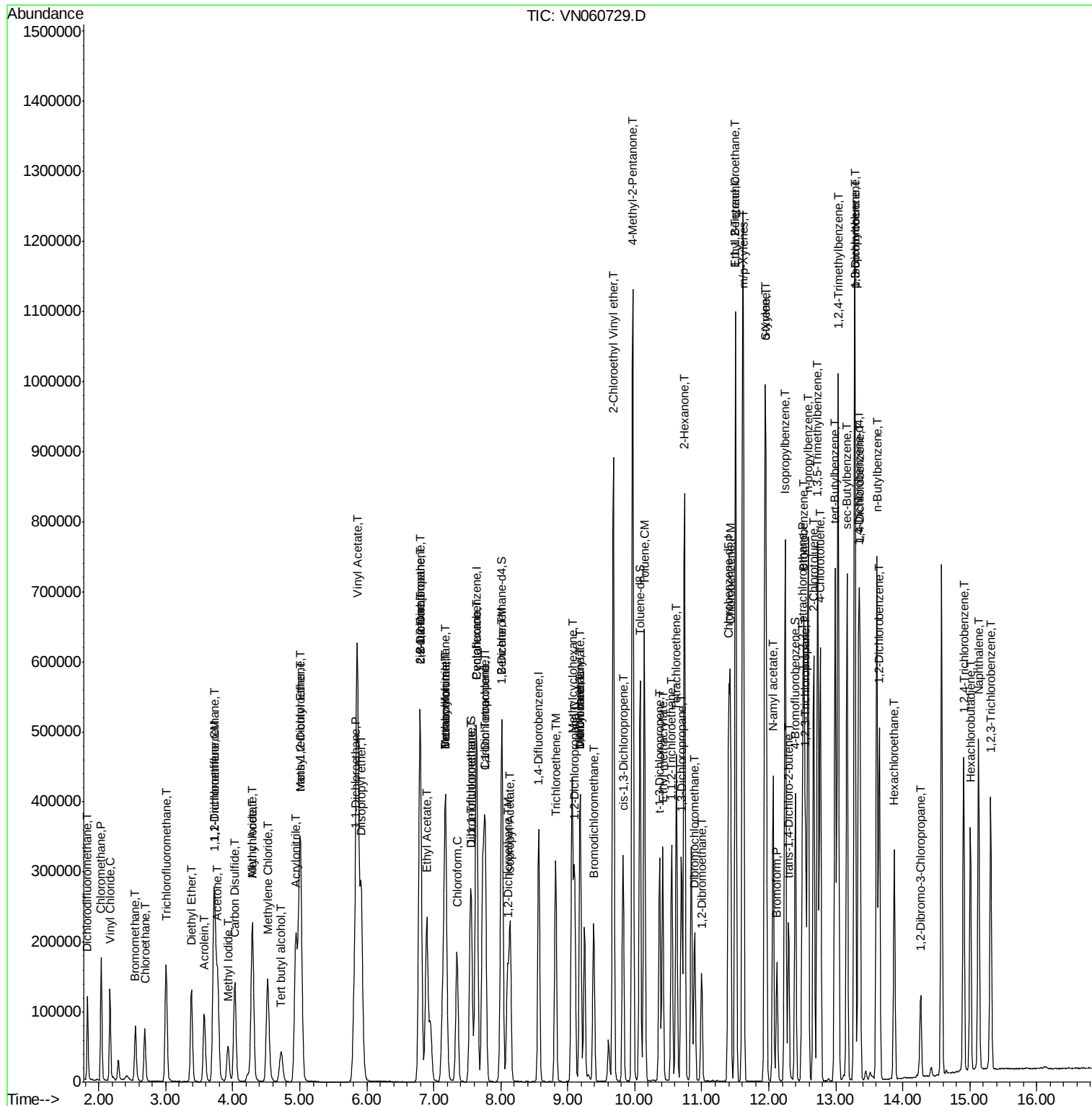
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139267	51.941	ug/l	100
94) Hexachlorobutadiene	15.01	225	68019	51.749	ug/l	98
95) Naphthalene	15.13	128	394962	48.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	131317	49.723	ug/l	99

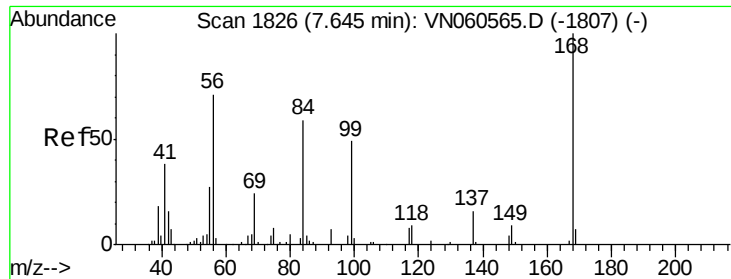
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

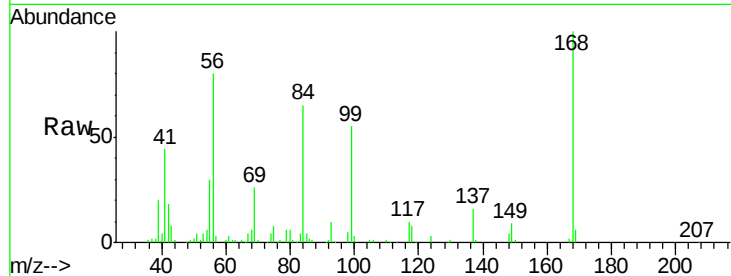
VSTDCCC050EC

Tgt Ion:168 Resp: 191676

Ion Ratio Lower Upper

168 100

99 55.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

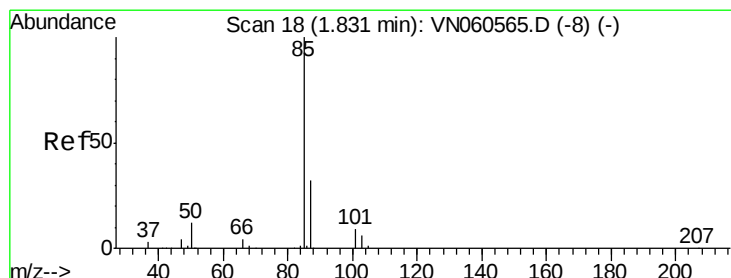
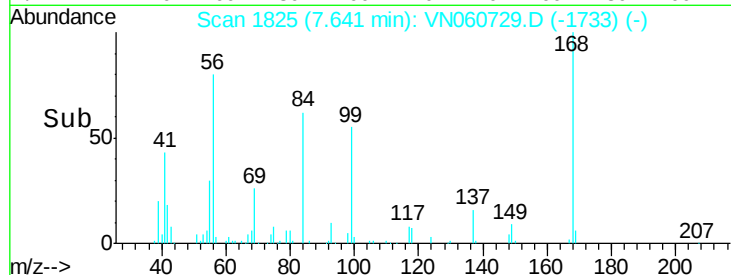
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.022 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060729.D

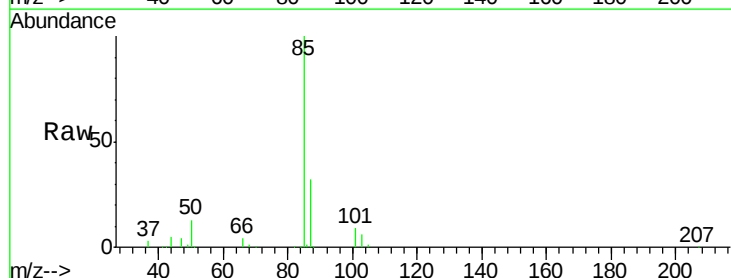
Acq: 26 Mar 2020 21:08

Tgt Ion: 85 Resp: 89063

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

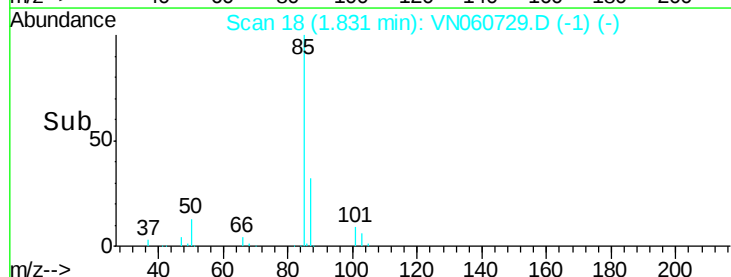
40000

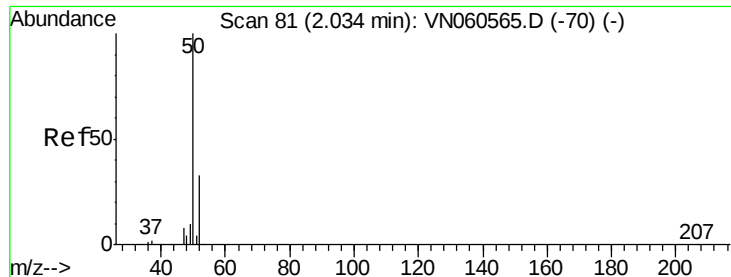
20000

0

1.80 1.85 1.90

Time-->

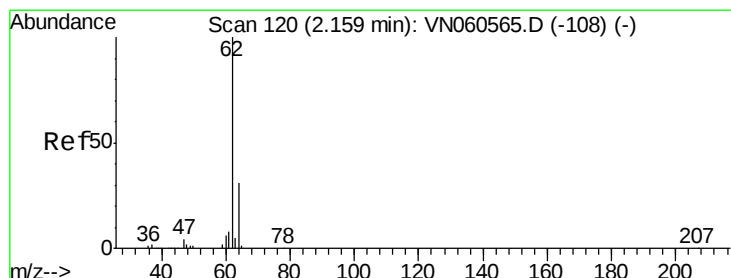
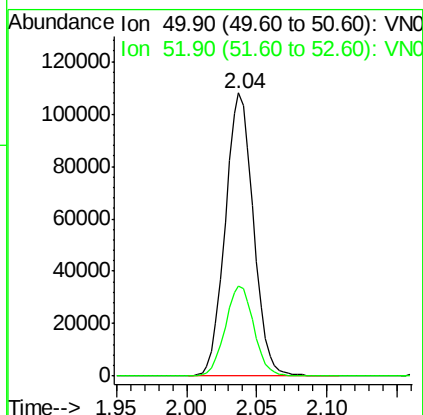
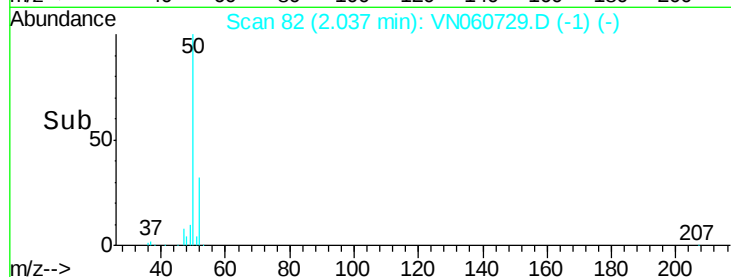
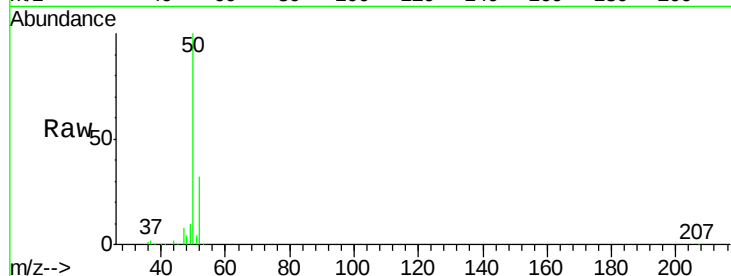




#3
Chloromethane
Concen: 43.554 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

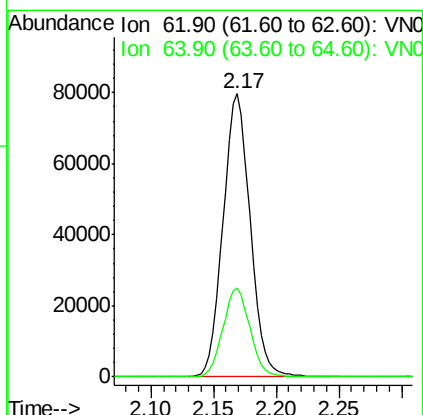
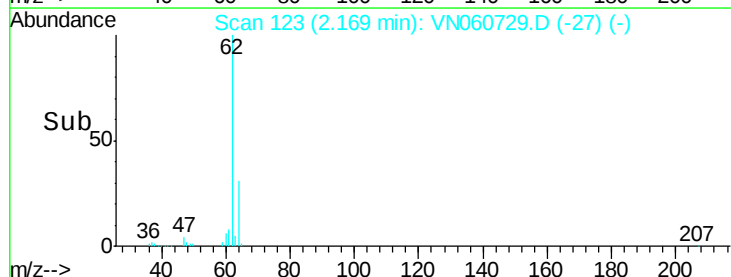
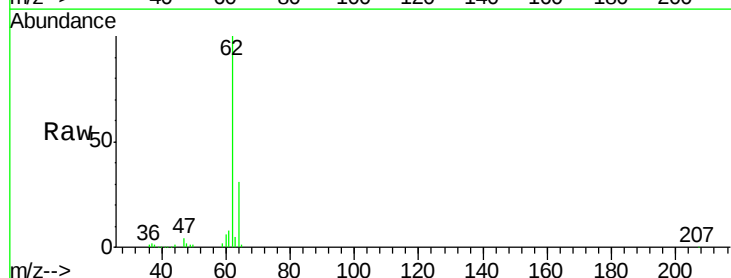
Instrument :
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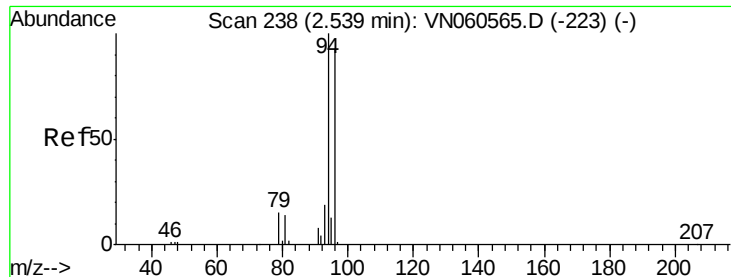
Tgt Ion: 50 Resp: 150865
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2



#4
Vinyl Chloride
Concen: 44.142 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.01 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 62 Resp: 119594
Ion Ratio Lower Upper
62 100
64 31.5 24.7 37.1





#5

Bromomethane

Concen: 48.502 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

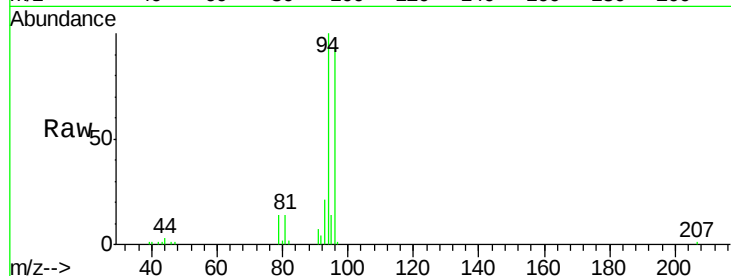
VSTDCCC050EC

Tgt Ion: 94 Resp: 56726

Ion Ratio Lower Upper

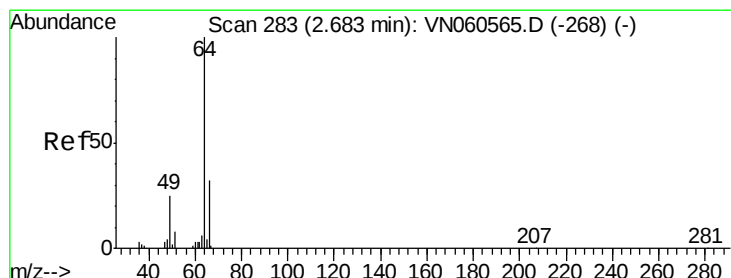
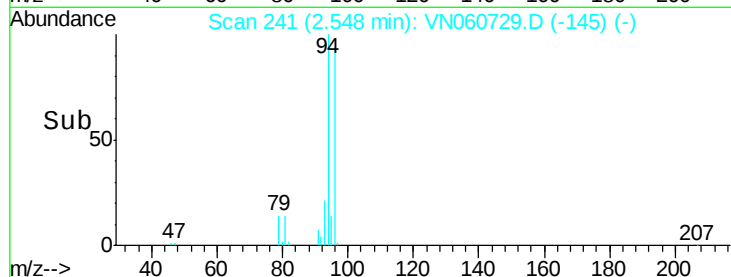
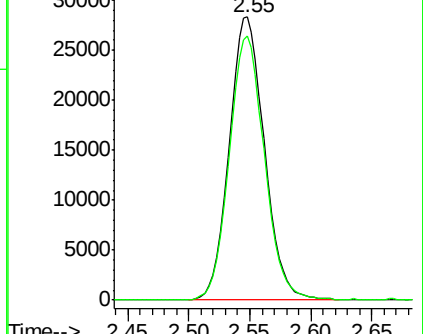
94 100

96 93.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060729.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060729.D (-145) (-)



#6

Chloroethane

Concen: 47.970 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060729.D

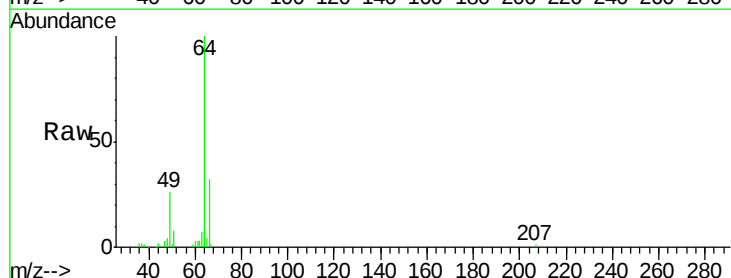
Acq: 26 Mar 2020 21:08

Tgt Ion: 64 Resp: 74866

Ion Ratio Lower Upper

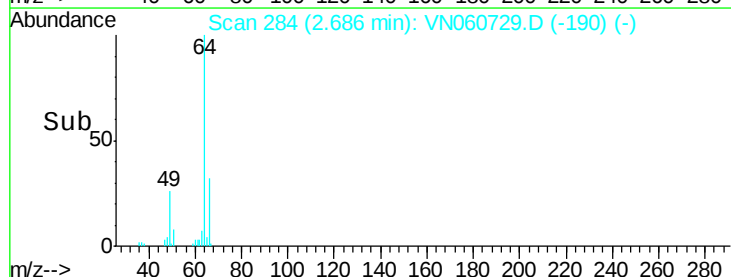
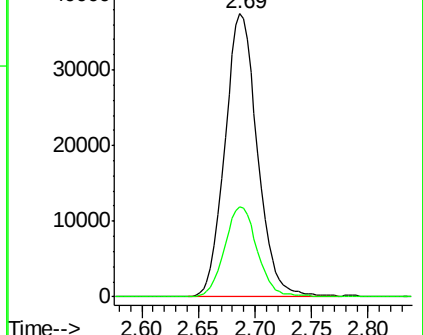
64 100

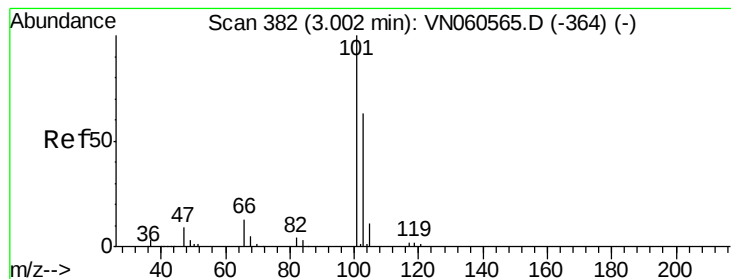
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060729.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060729.D (-190) (-)



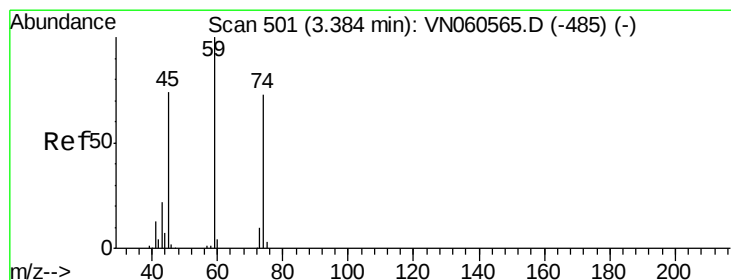
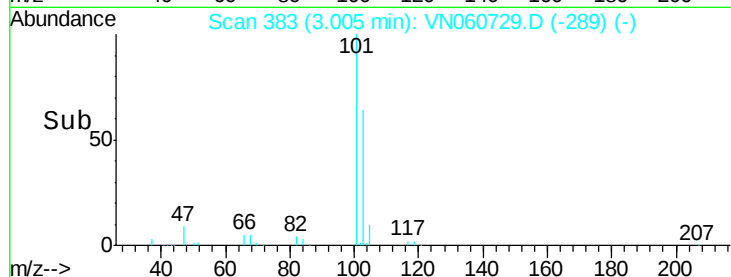
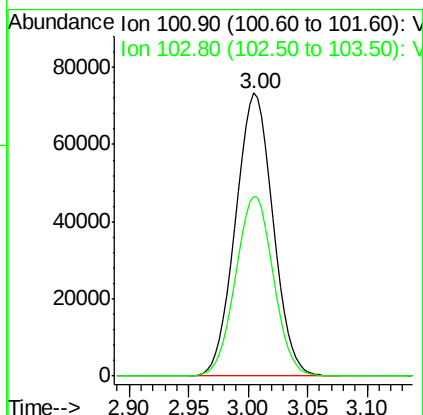
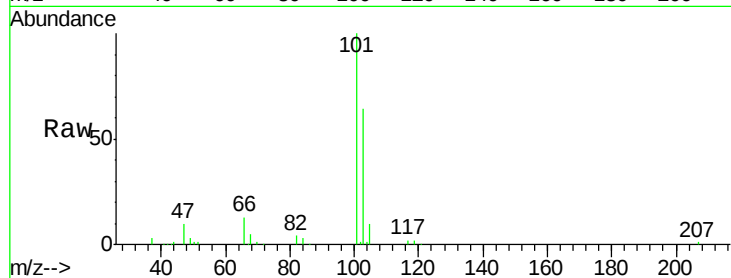


#7

Trichlorofluoromethane
 Concen: 48.040 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

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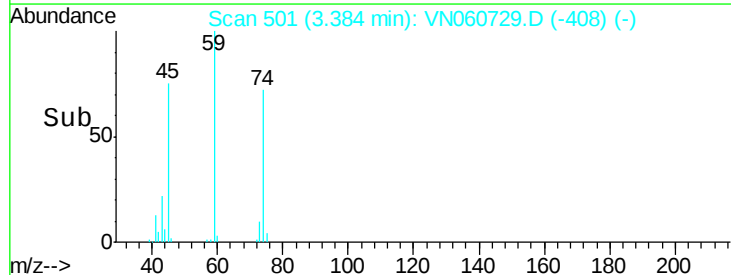
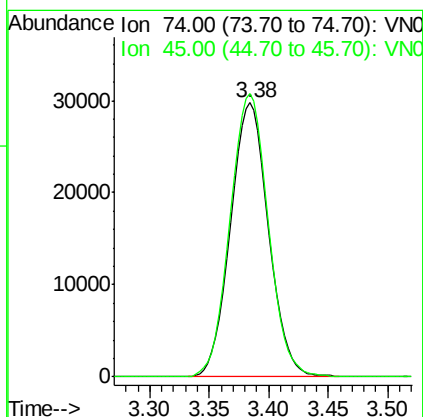
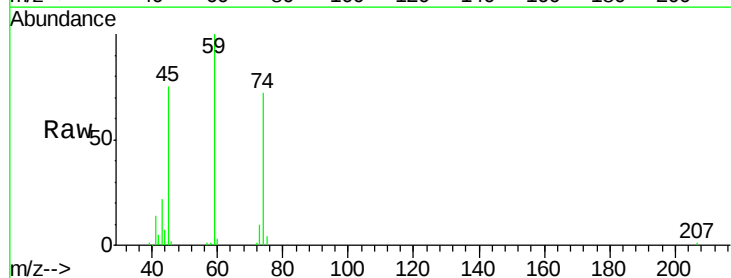
Tgt Ion: 101 Resp: 160331
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 76.0



#8

Diethyl Ether
 Concen: 49.054 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 74 Resp: 65768
 Ion Ratio Lower Upper
 74 100
 45 103.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.036 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

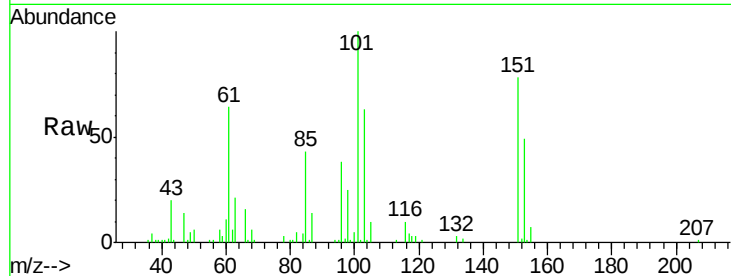
Tgt Ion:101 Resp: 96763

Ion Ratio Lower Upper

101 100

85 45.0 35.6 53.4

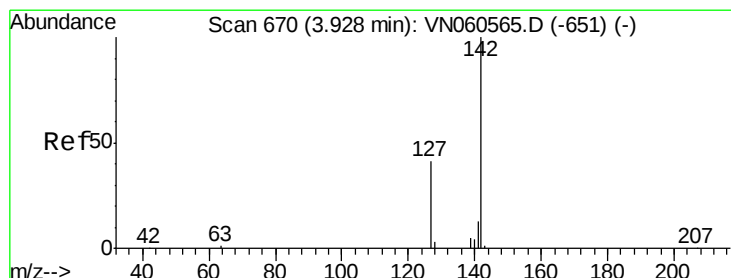
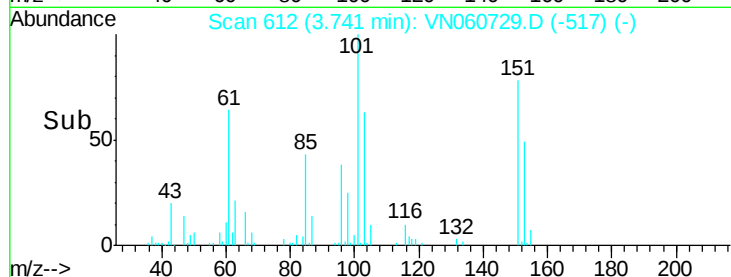
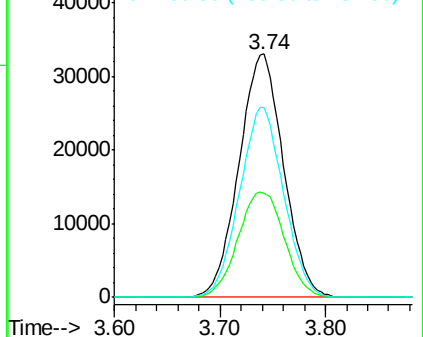
151 77.4 61.4 92.2



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: 47.536 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

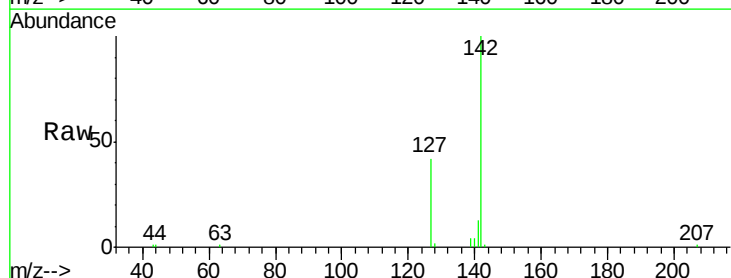
Tgt Ion:142 Resp: 81800

Ion Ratio Lower Upper

142 100

127 41.8 33.5 50.3

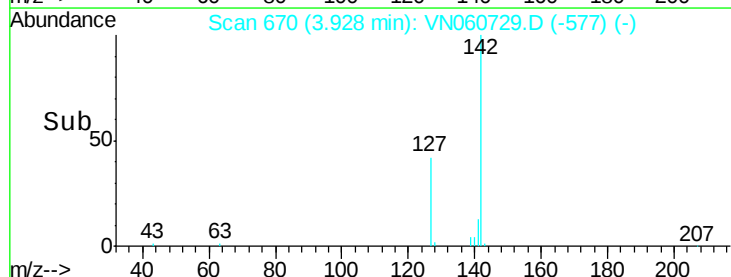
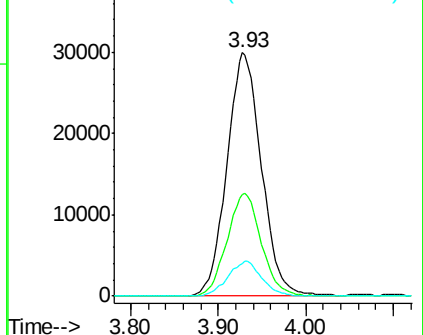
141 14.0 11.0 16.6

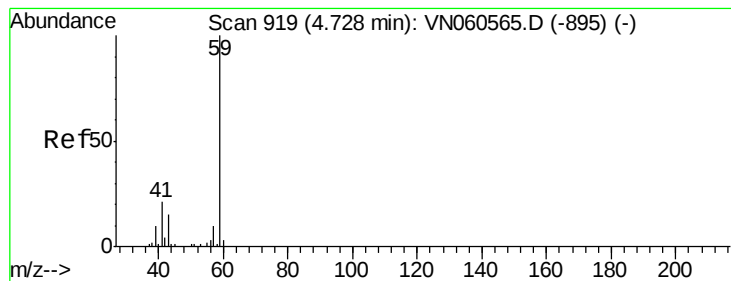


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



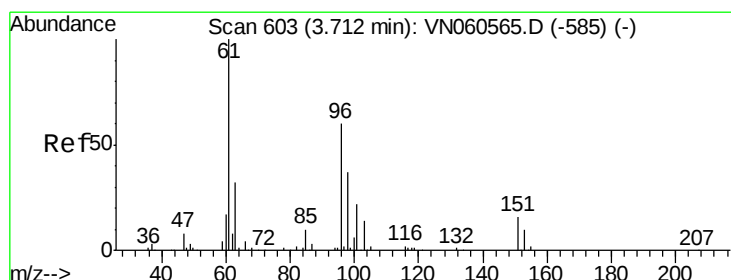
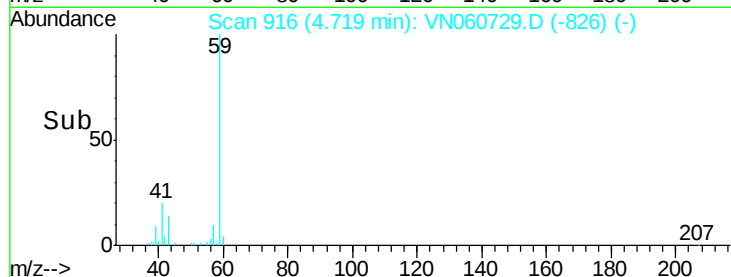
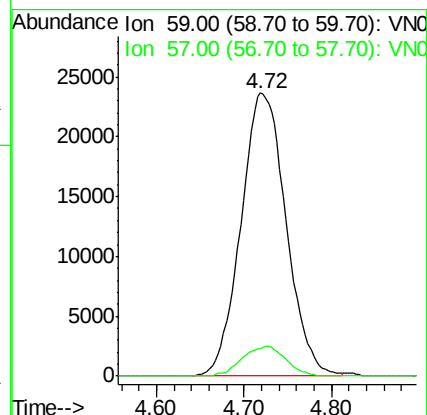
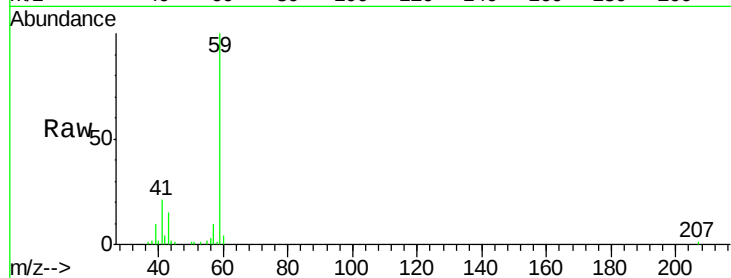


#11

Tert butyl alcohol
 Concen: 218.607 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

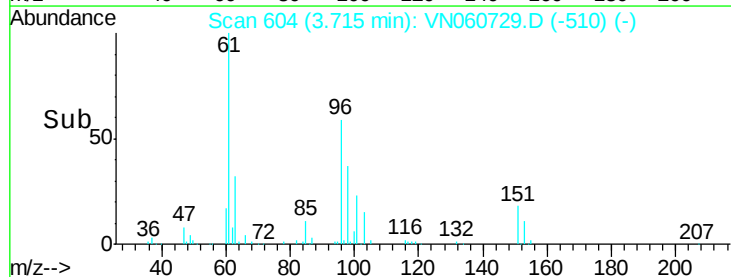
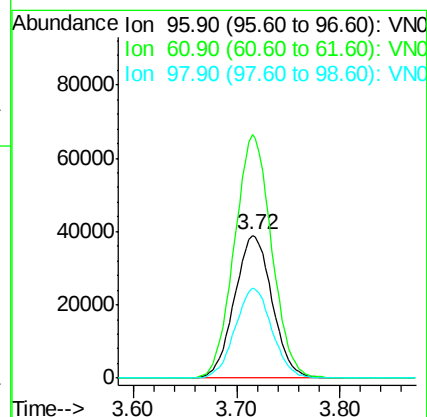
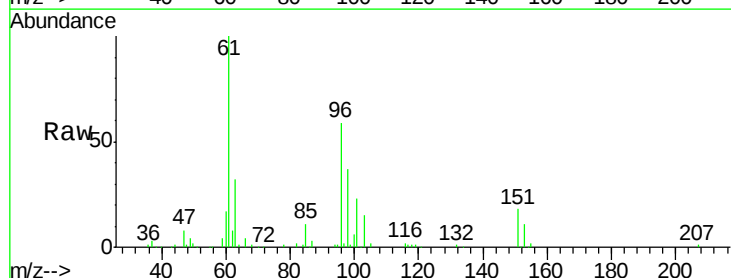
Tgt Ion: 59 Resp: 84596
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 47.676 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 96 Resp: 98939
 Ion Ratio Lower Upper
 96 100
 61 170.7 134.1 201.1
 98 62.9 49.9 74.9





#13

Acrolein

Concen: 259.953 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

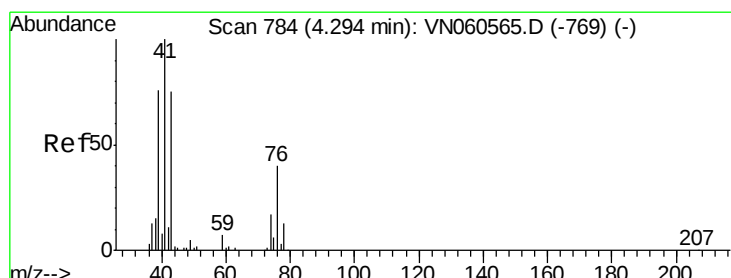
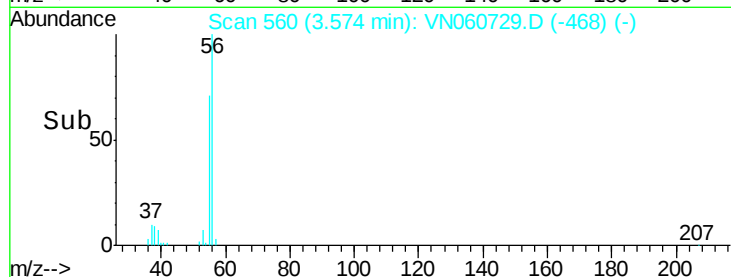
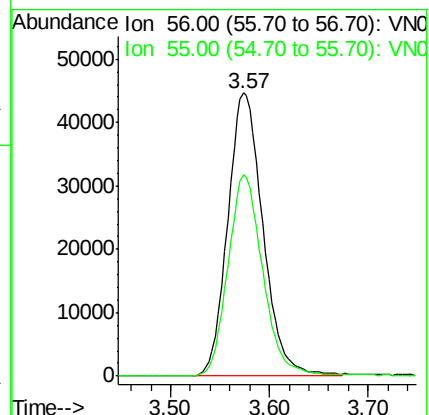
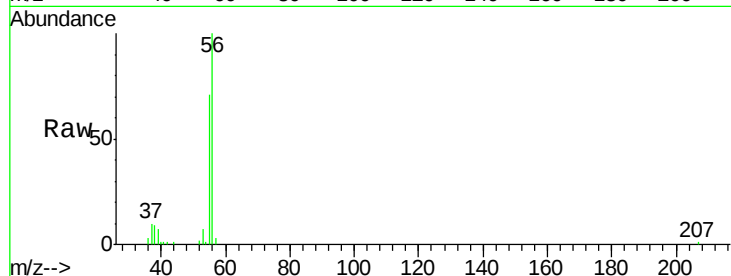
VSTDCCC050EC

Tgt Ion: 56 Resp: 111490

Ion Ratio Lower Upper

56 100

55 70.1 56.7 85.1



#14

Allyl chloride

Concen: 47.009 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

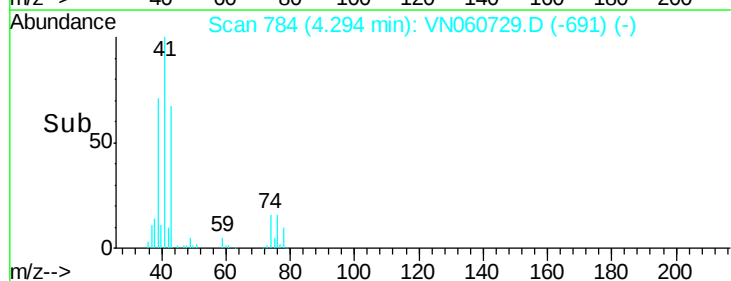
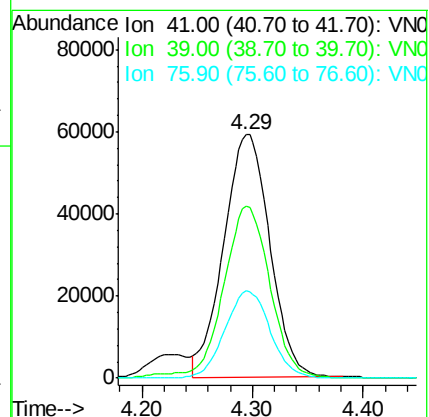
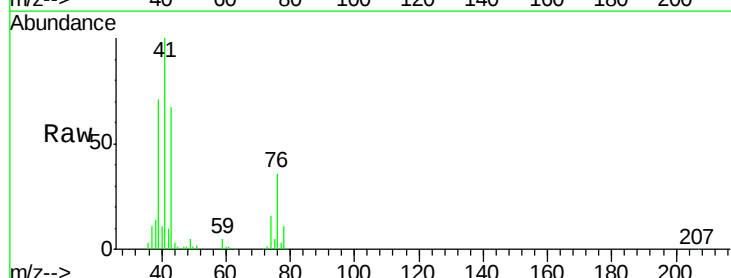
Tgt Ion: 41 Resp: 171580

Ion Ratio Lower Upper

41 100

39 71.7 57.8 86.8

76 35.2 28.6 43.0





#15

Acrylonitrile

Concen: 243.388 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

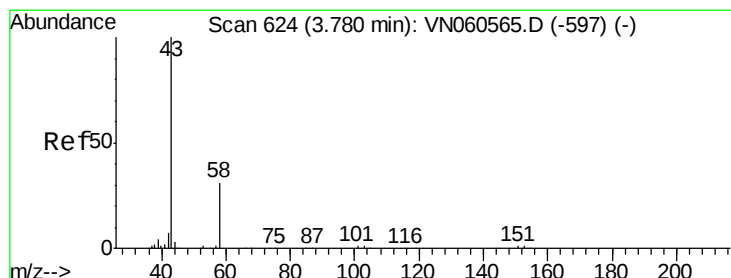
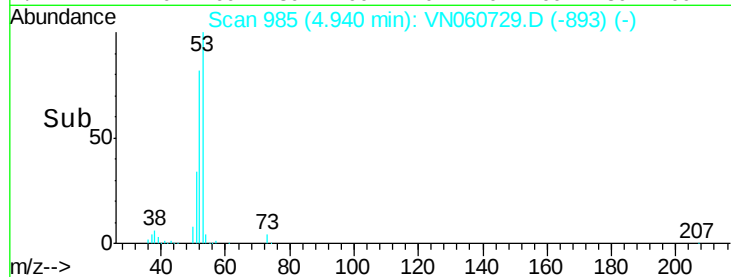
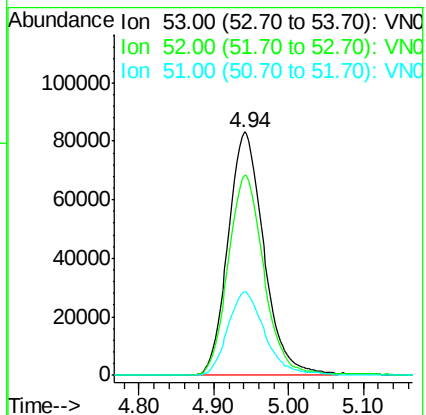
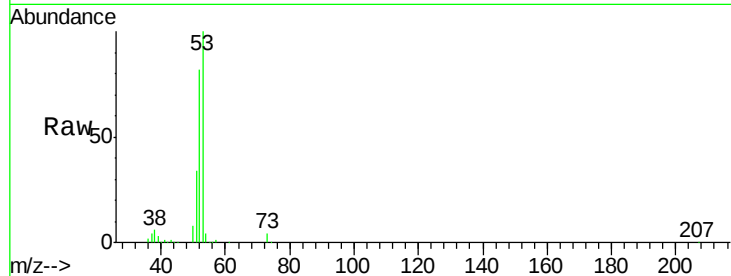
Tgt Ion: 53 Resp: 276962

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.4

51 35.7 28.7 43.1



#16

Acetone

Concen: 234.434 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060729.D

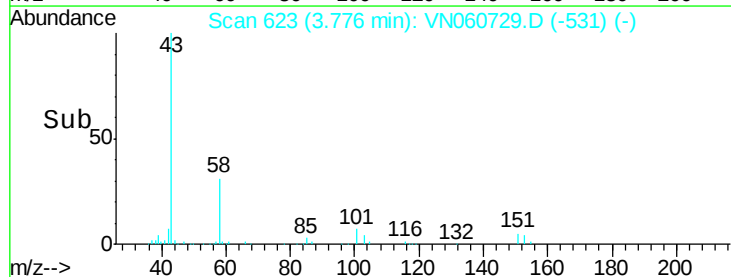
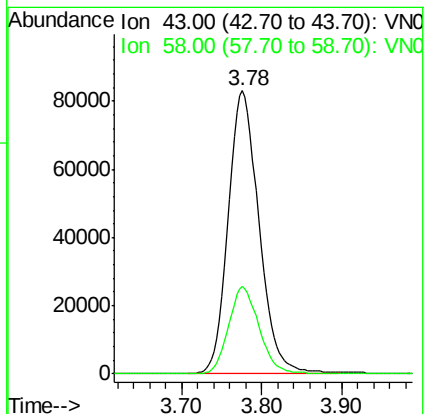
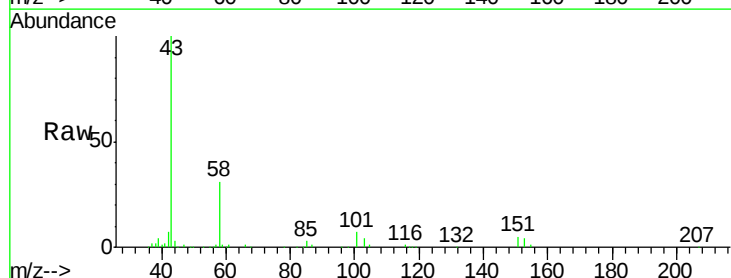
Acq: 26 Mar 2020 21:08

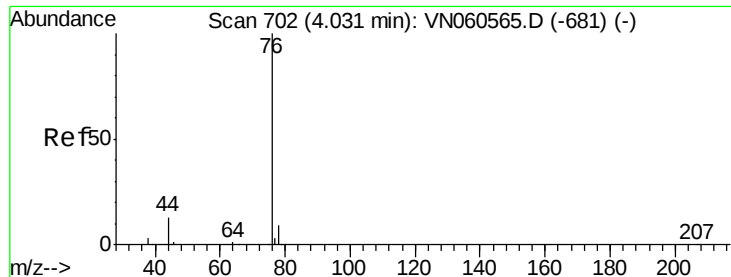
Tgt Ion: 43 Resp: 218505

Ion Ratio Lower Upper

43 100

58 30.9 25.1 37.7

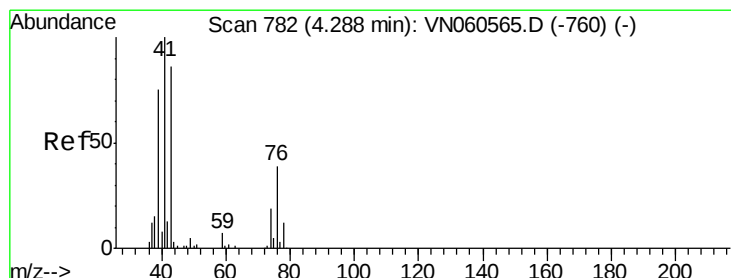
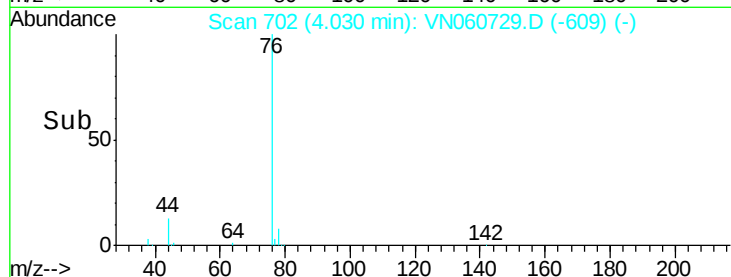
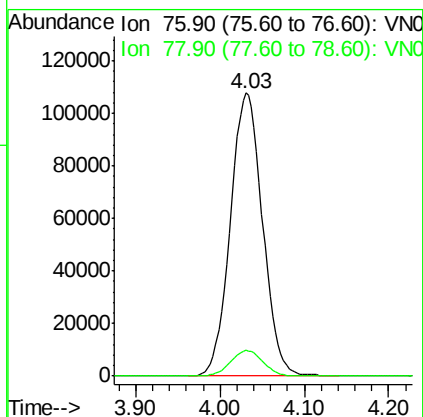
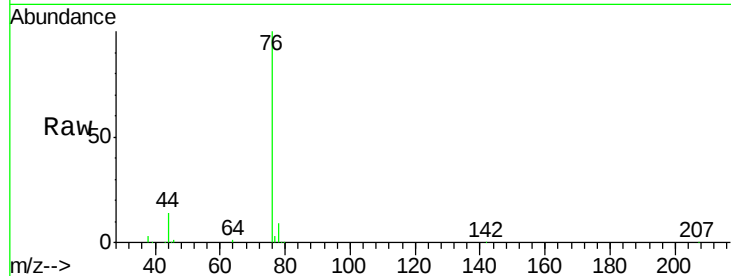




#17
Carbon Disulfide
Concen: 45.286 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

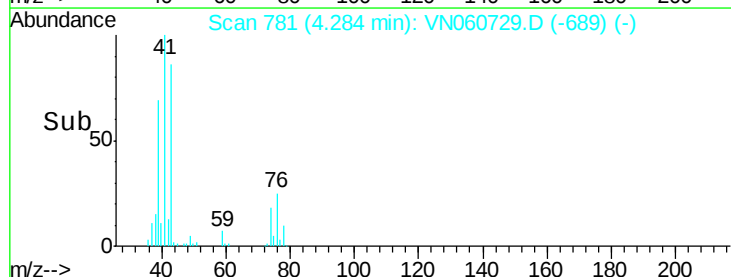
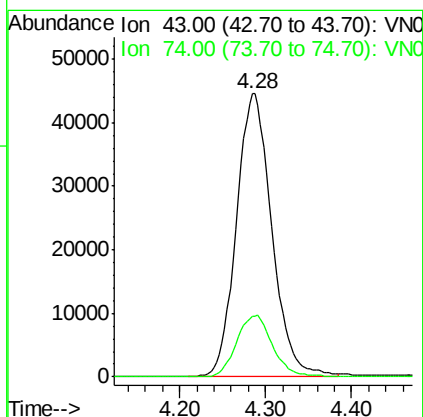
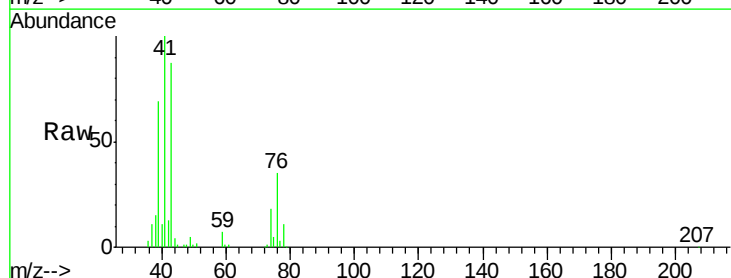
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

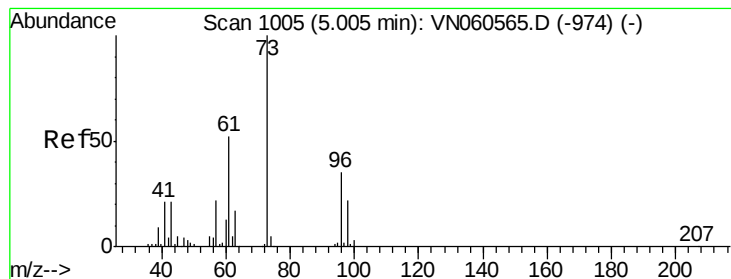
Tgt Ion: 76 Resp: 285821
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 48.694 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 43 Resp: 127747
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 47.614 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

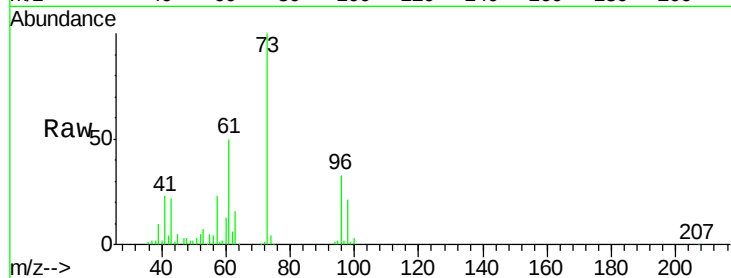
VSTDCCC050EC

Tgt Ion: 73 Resp: 339725

Ion Ratio Lower Upper

73 100

57 22.9 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VN060729.D (-912) (-)

Ion 57.00 (56.70 to 57.70): VN060729.D (-912) (-)

5.00

100000

80000

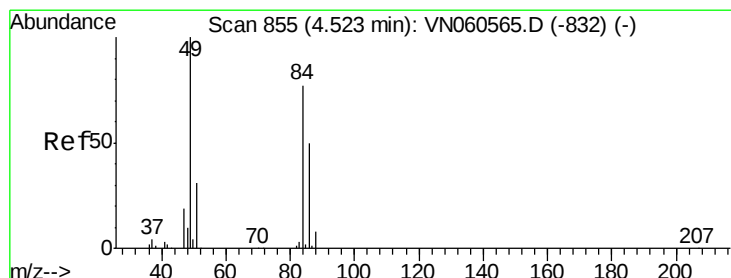
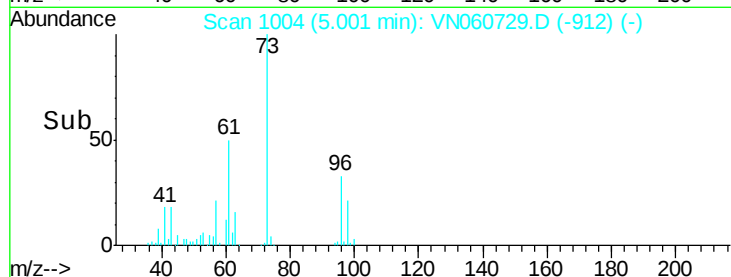
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 48.341 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion: 84 Resp: 110836

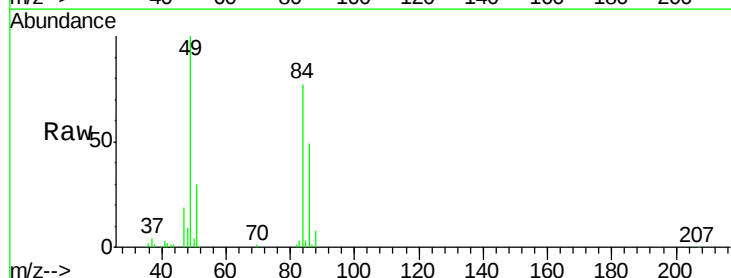
Ion Ratio Lower Upper

84 100

49 129.7 103.3 154.9

51 38.8 31.6 47.4

86 64.0 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VN060729.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060729.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060729.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060729.D (-762) (-)

4.52

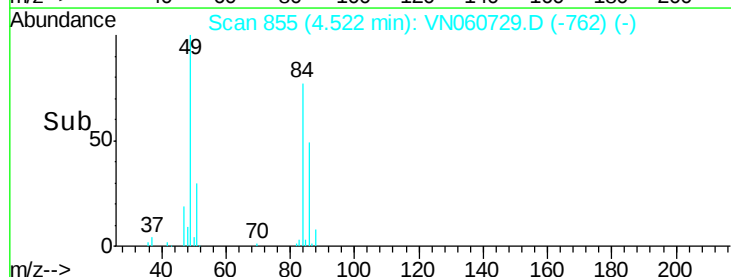
60000

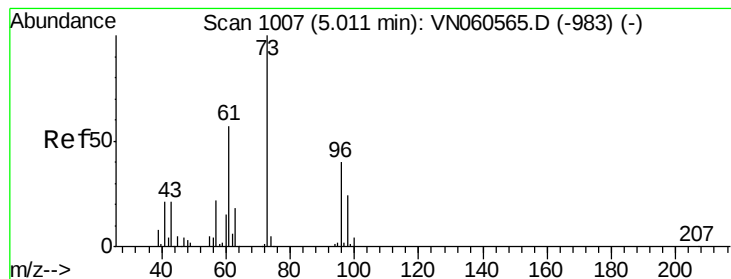
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.111 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

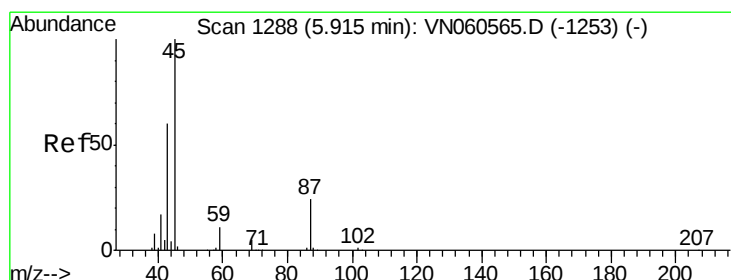
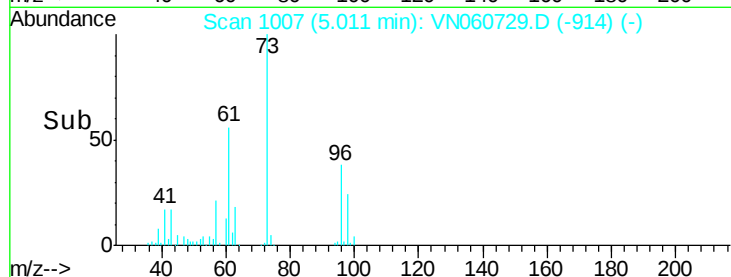
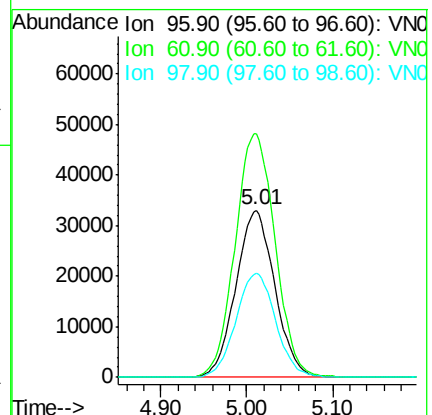
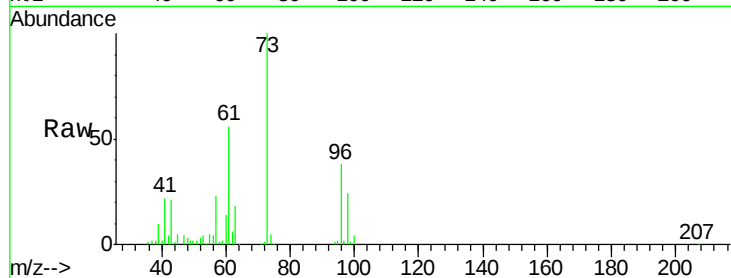
Tgt Ion: 96 Resp: 104198

Ion Ratio Lower Upper

96 100

61 145.8 114.4 171.6

98 62.4 48.4 72.6



#22

Diisopropyl ether

Concen: 50.634 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion: 45 Resp: 390449

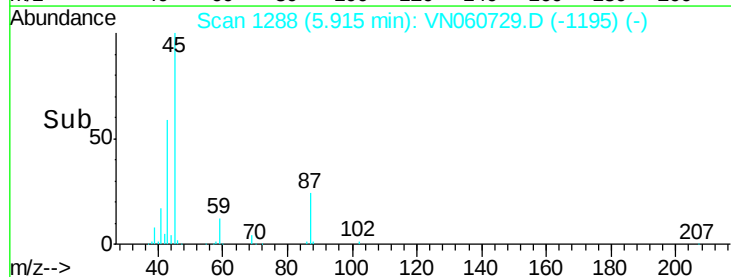
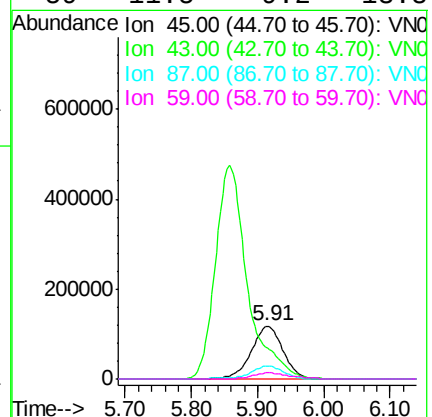
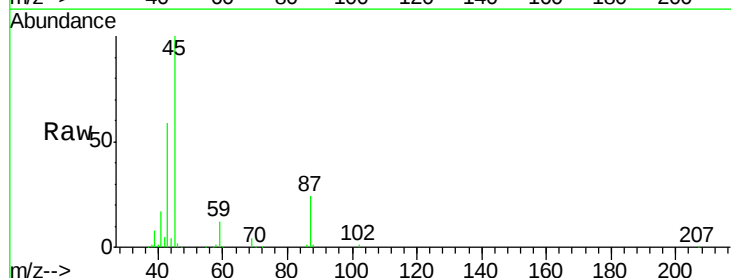
Ion Ratio Lower Upper

45 100

43 58.0 49.8 74.8

87 24.2 20.1 30.1

59 11.5 9.2 13.8

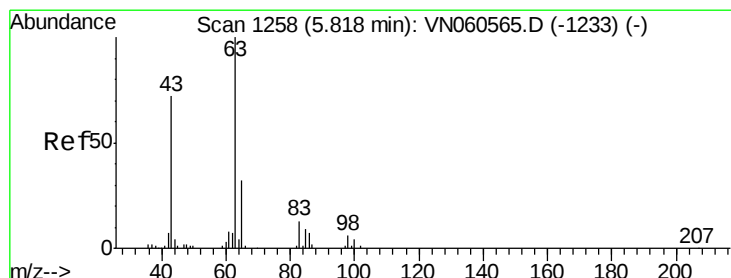
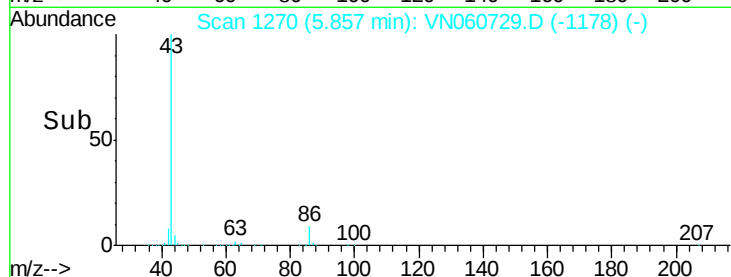
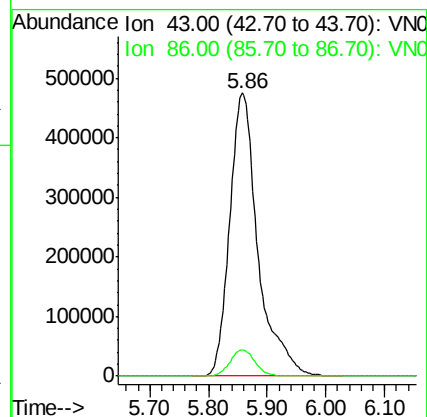
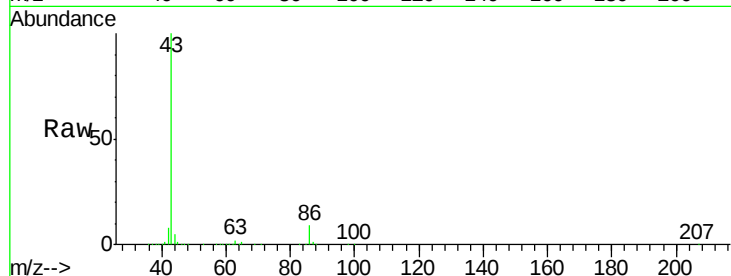




#23
 Vinyl Acetate
 Concen: 253.071 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

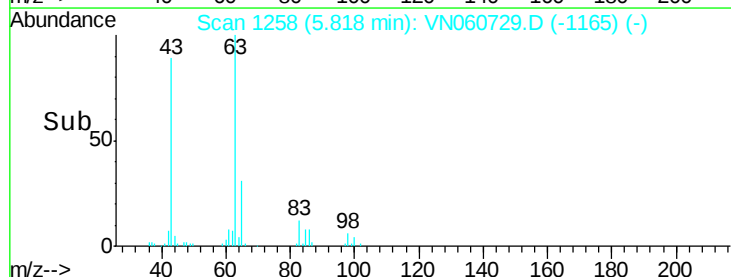
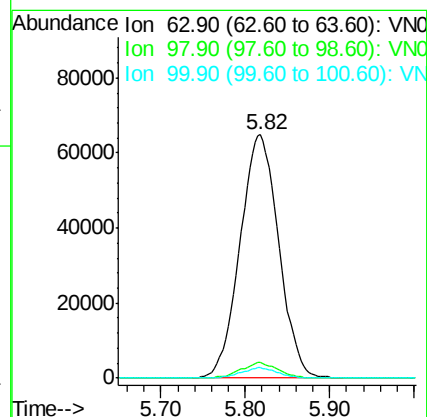
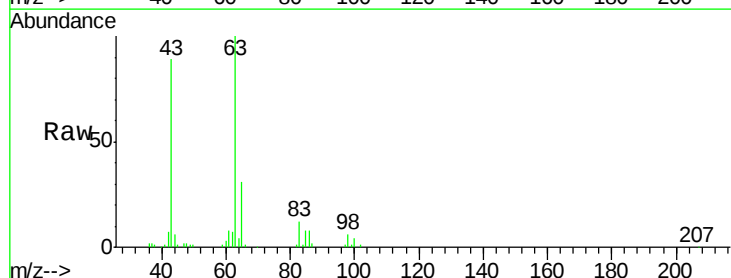
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1592240
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 49.152 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 63 Resp: 206623
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.7
 100 4.3 1.8 5.5

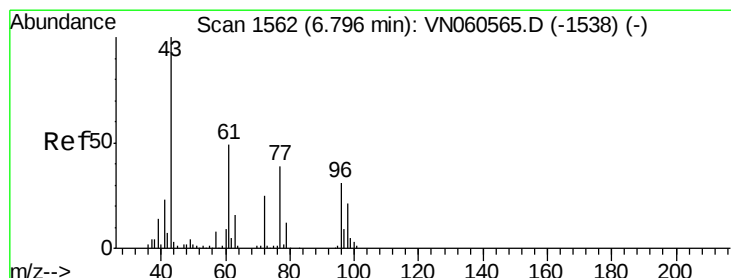
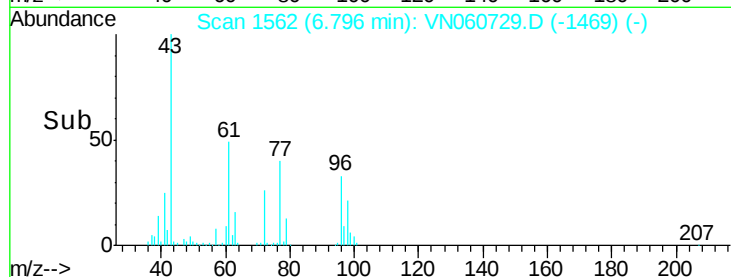
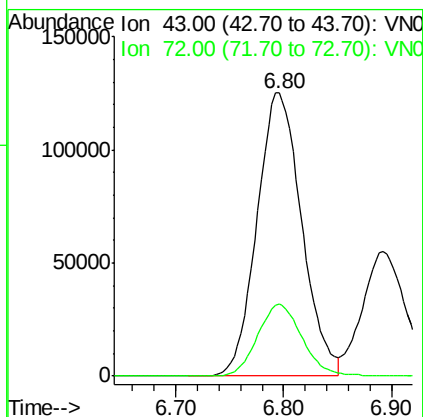
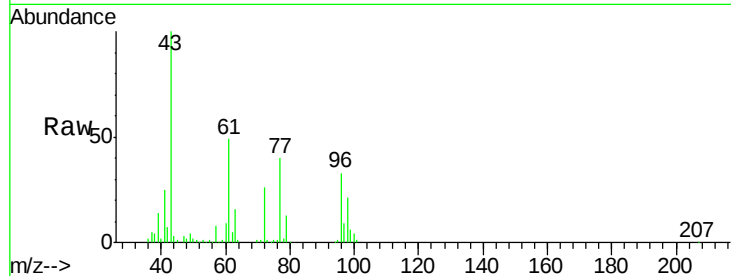




#25
2-Butanone
Concen: 238.360 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

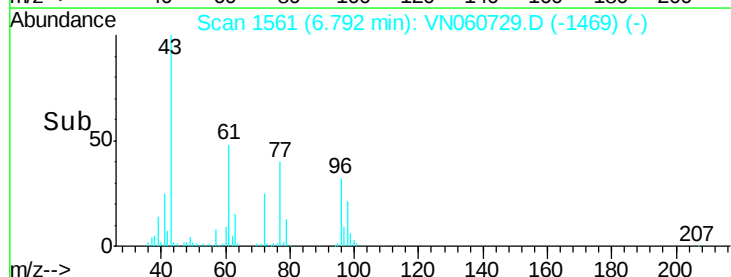
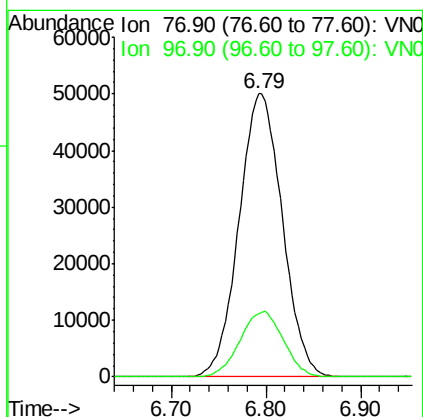
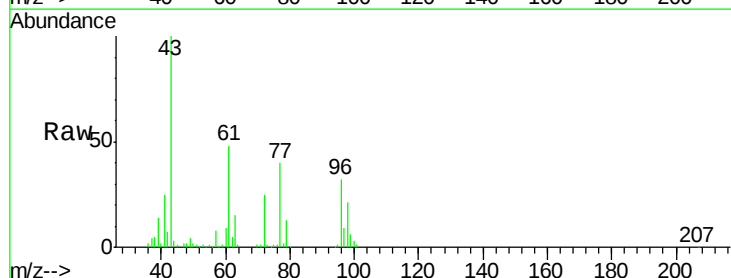
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 359499
Ion Ratio Lower Upper
43 100
72 25.6 20.4 30.6



#26
2,2-Dichloropropane
Concen: 48.062 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 77 Resp: 158964
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.145 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

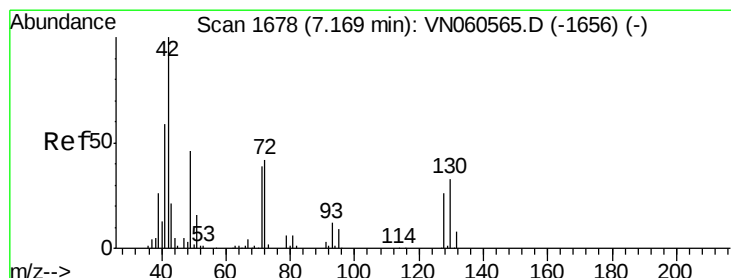
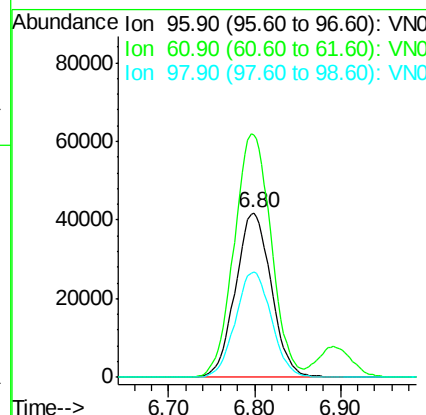
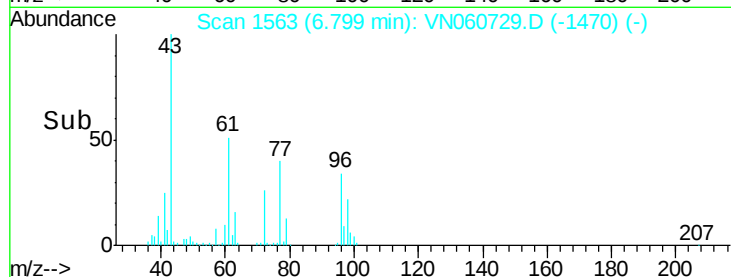
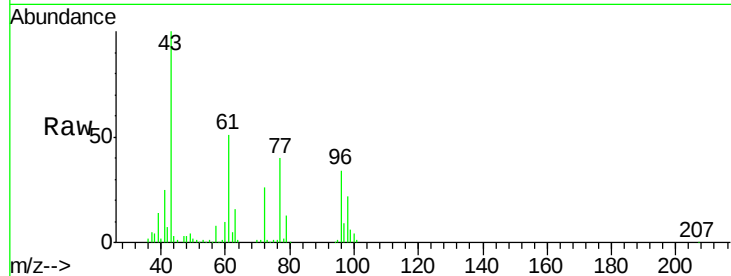
Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 121008

Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	305.6
98	64.4	0.0	127.6



#28

Bromochloromethane

Concen: 48.290 ug/l

RT: 7.17 min Scan# 1678

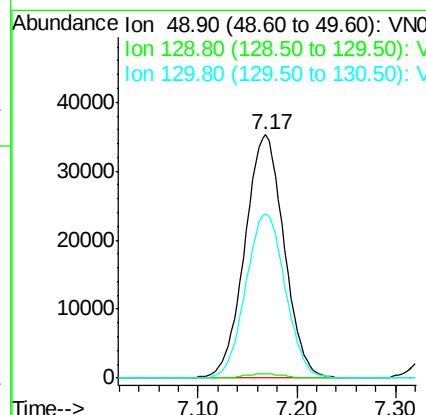
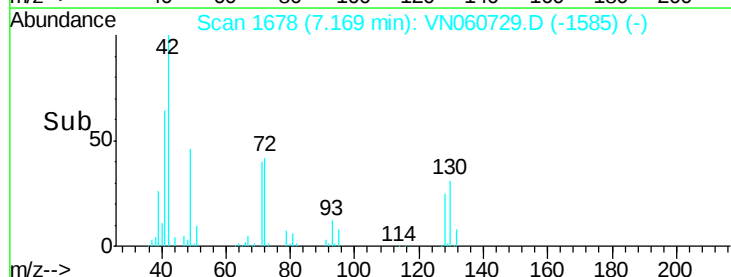
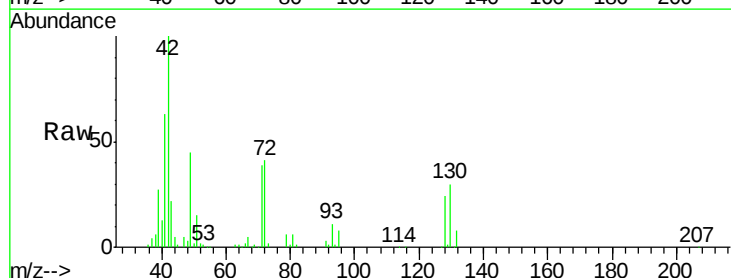
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion: 49 Resp: 97124

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	67.7	55.0	82.4

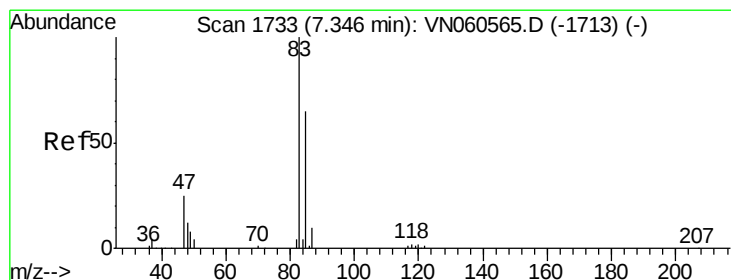
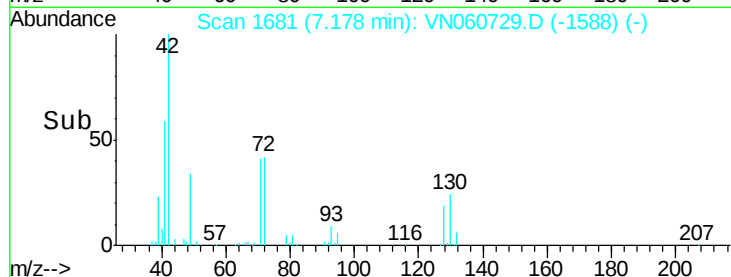
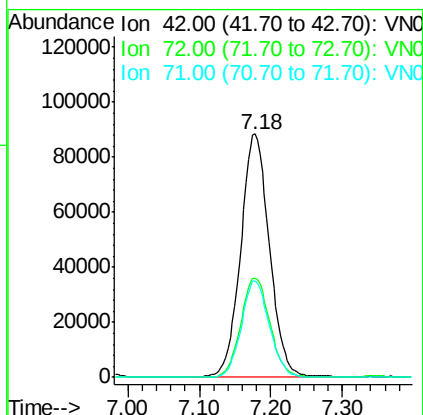
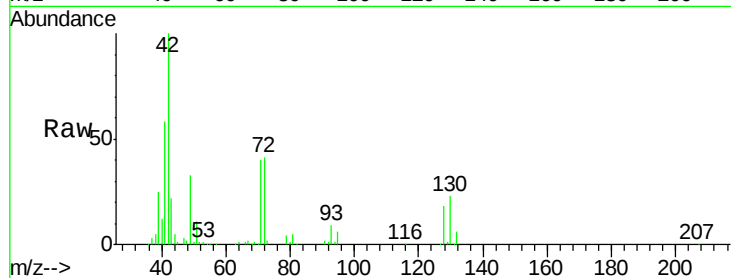




#29
Tetrahydrofuran
Concen: 233.711 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

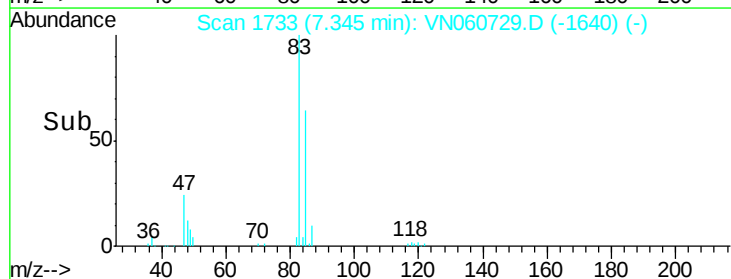
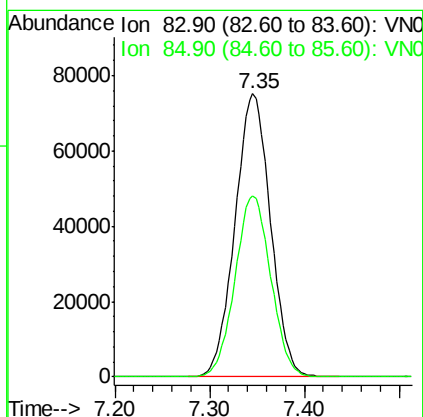
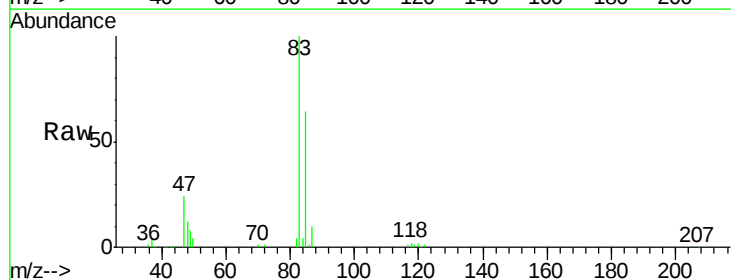
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

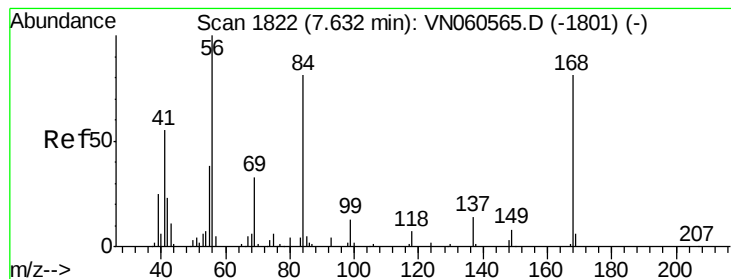
Tgt Ion: 42 Resp: 249399
Ion Ratio Lower Upper
42 100
72 41.0 33.2 49.8
71 38.3 31.1 46.7



#30
Chloroform
Concen: 48.684 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 83 Resp: 196194
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8





#31

Cyclohexane

Concen: 46.271 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

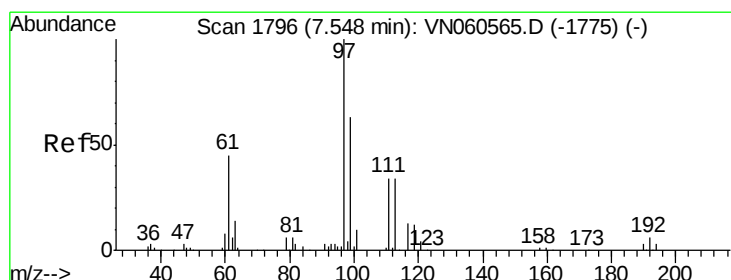
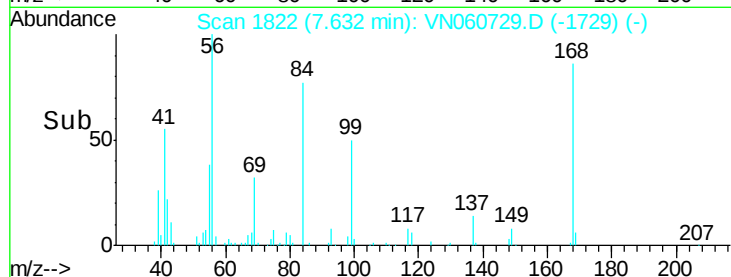
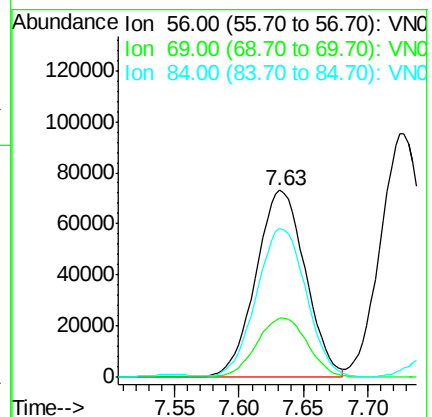
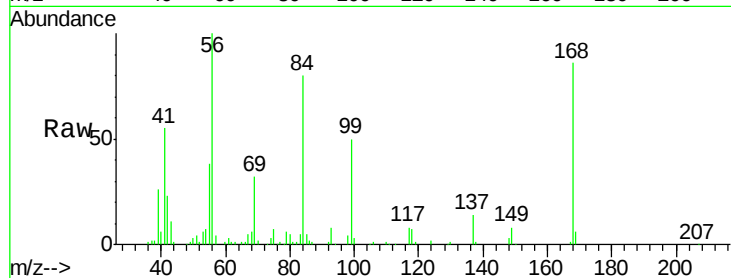
Tgt Ion: 56 Resp: 196097

Ion Ratio Lower Upper

56 100

69 31.6 26.6 40.0

84 78.6 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 49.222 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

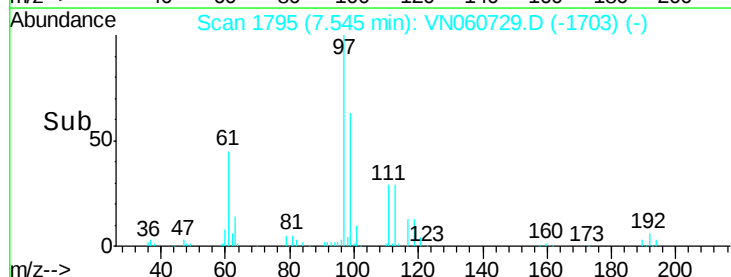
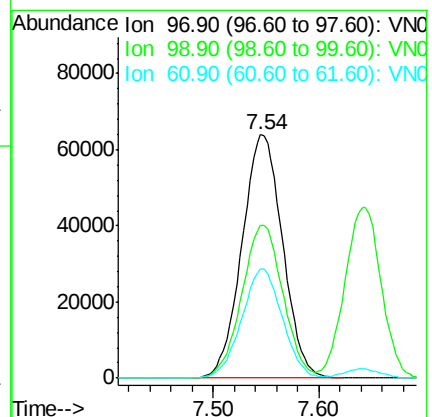
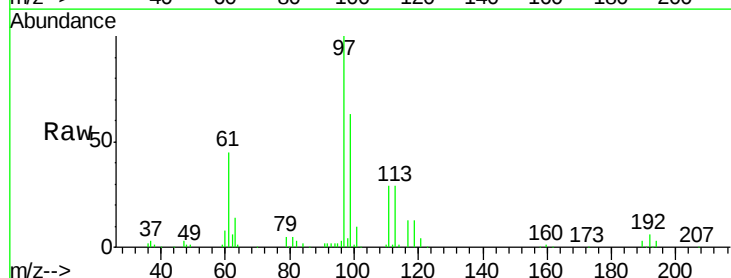
Tgt Ion: 97 Resp: 171002

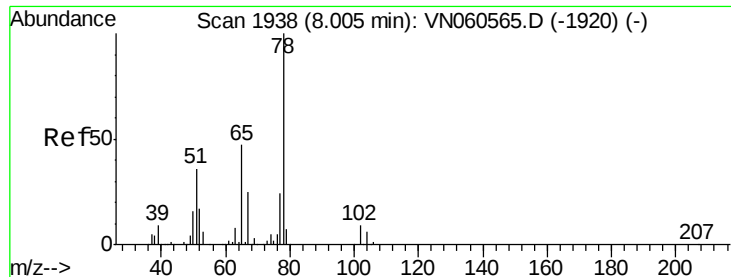
Ion Ratio Lower Upper

97 100

99 63.4 50.6 75.8

61 45.0 36.2 54.4

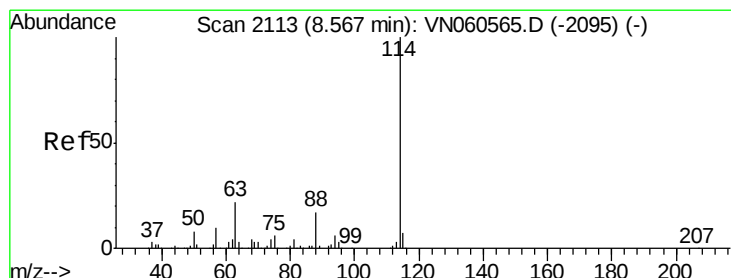
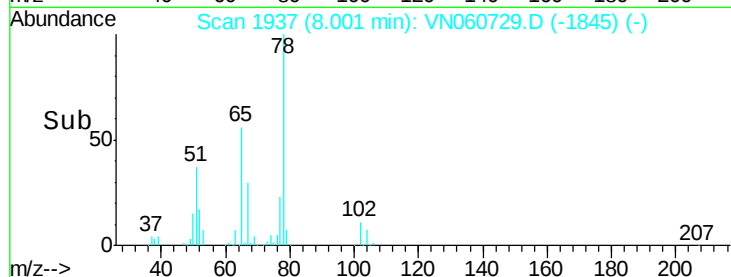
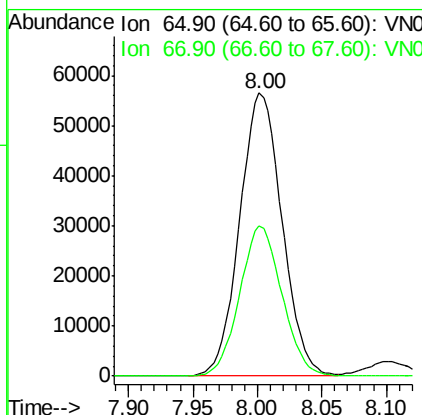
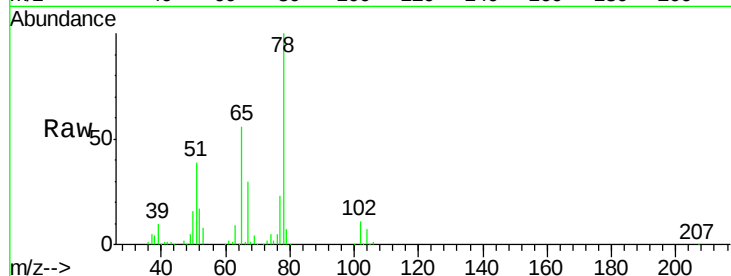




#33
 1,2-Dichloroethane-d4
 Concen: 49.196 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

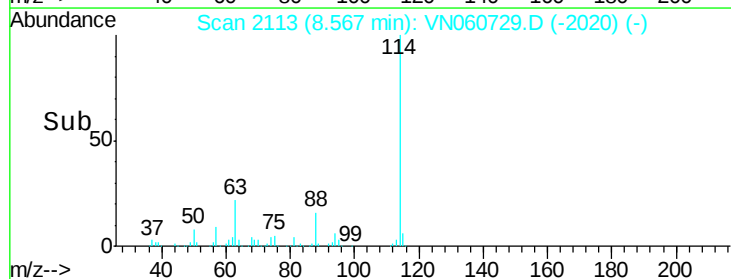
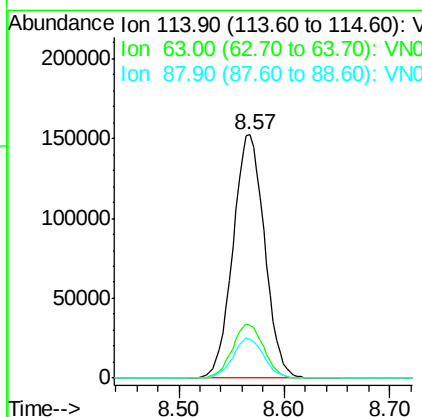
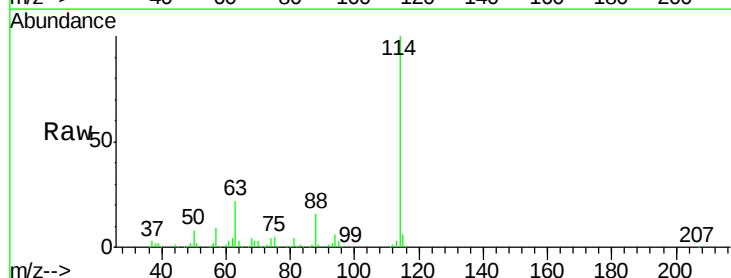
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

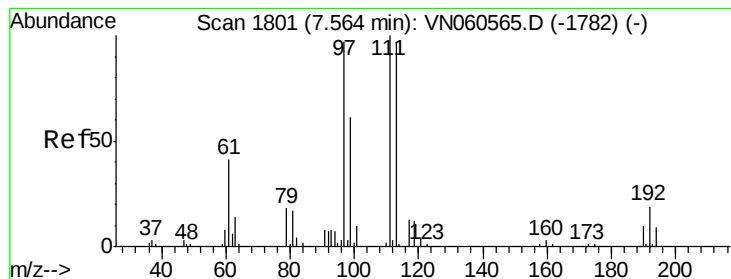
Tgt Ion: 65 Resp: 129447
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 114 Resp: 315601
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.943 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

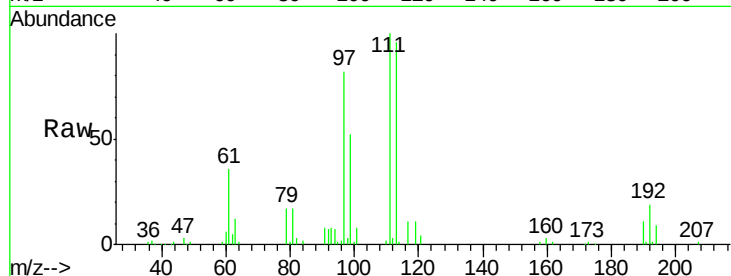
Tgt Ion:113 Resp: 97216

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

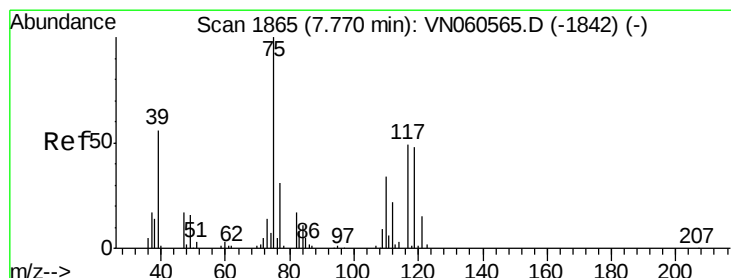
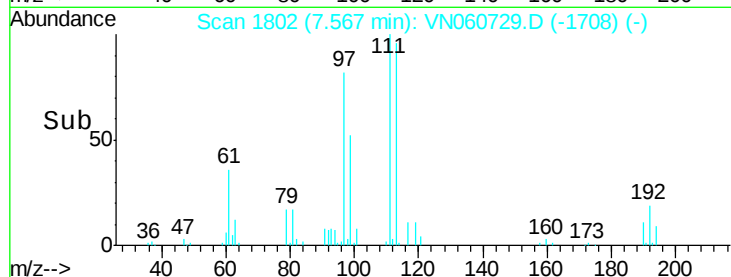
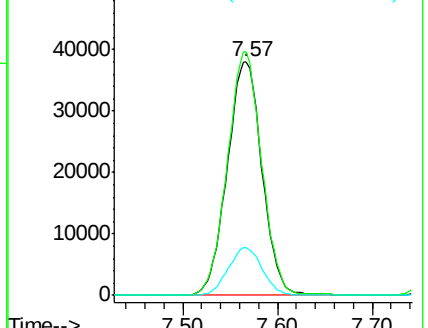
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.479 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

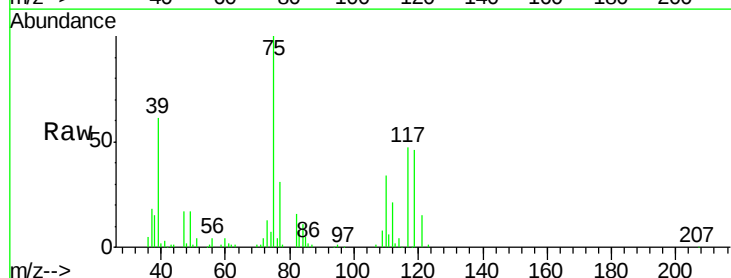
Tgt Ion: 75 Resp: 154265

Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.6

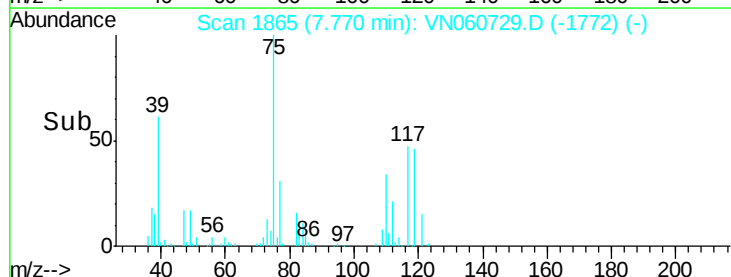
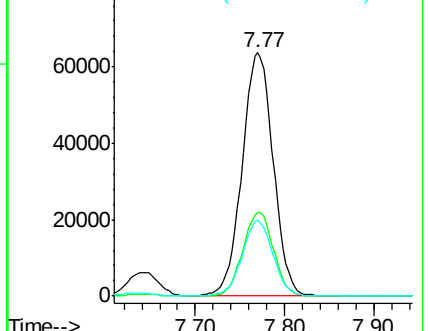
77 30.6 24.6 36.8

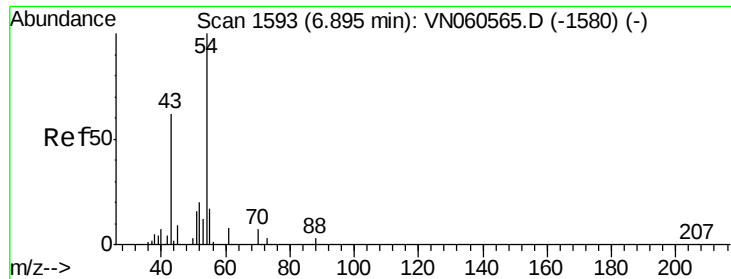


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

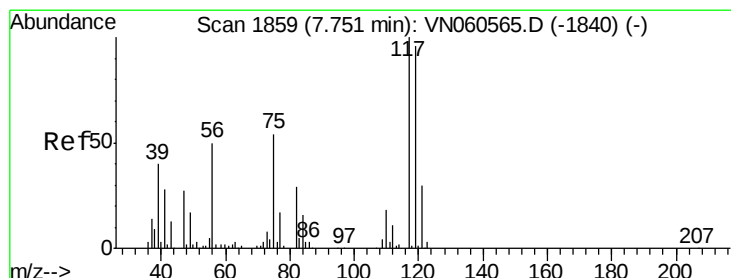
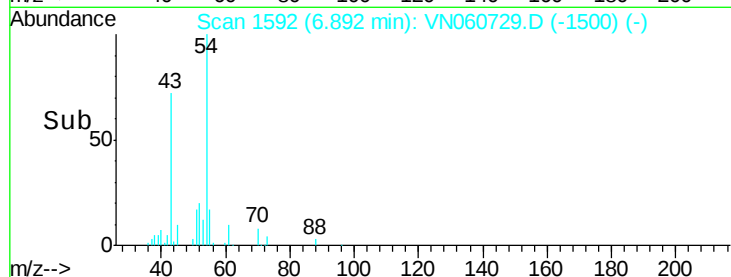
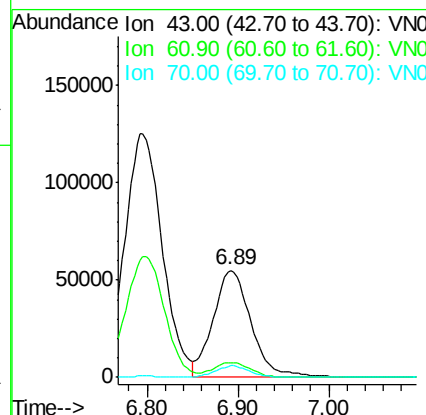
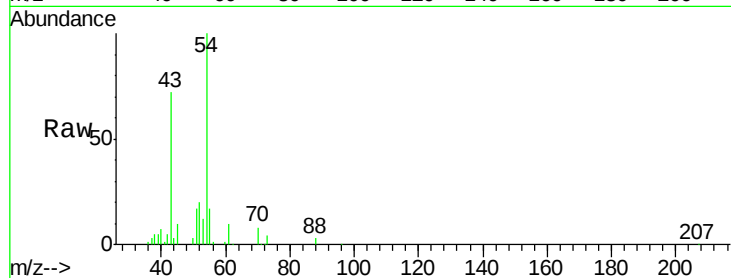




#37
 Ethyl Acetate
 Concen: 47.369 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

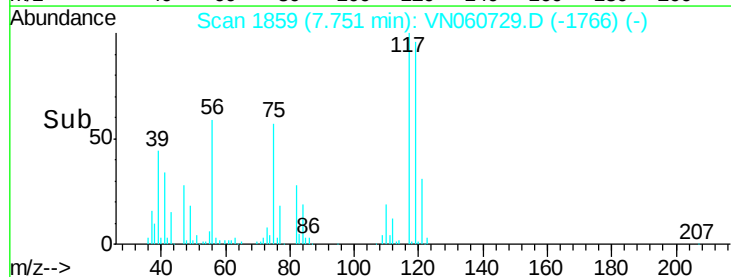
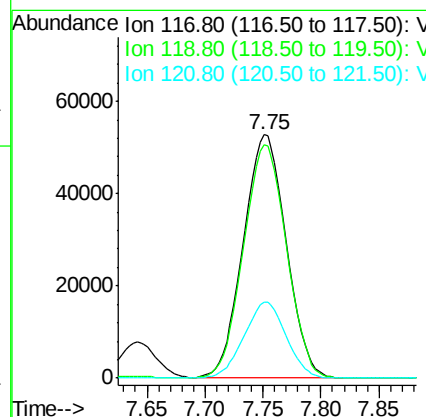
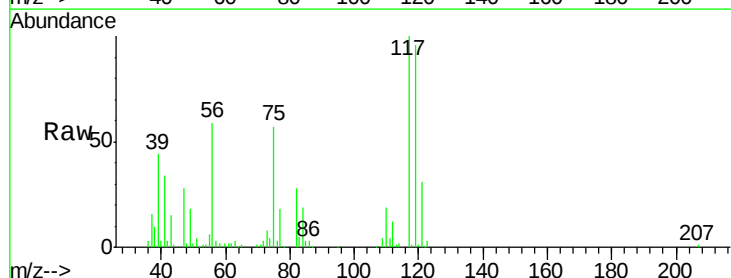
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

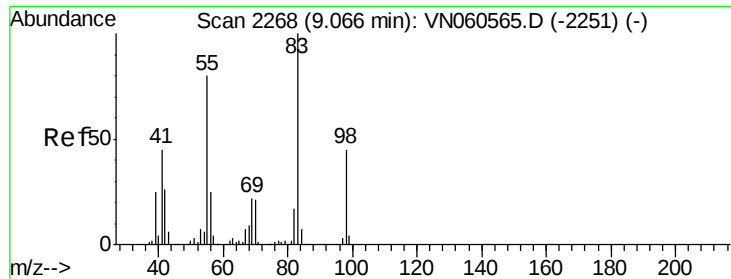
Tgt Ion: 43 Resp: 156417
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.6 15.8
 70 10.1 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 49.739 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 117 Resp: 136233
 Ion Ratio Lower Upper
 117 100
 119 96.1 76.2 114.2
 121 31.2 23.7 35.5

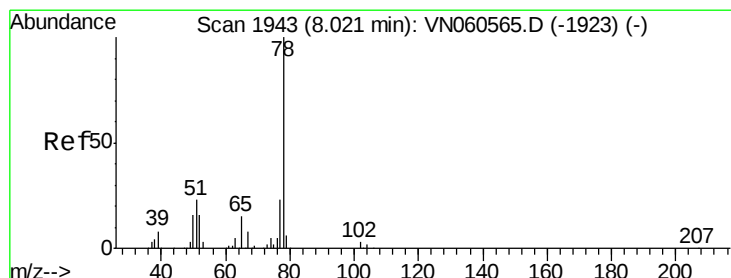
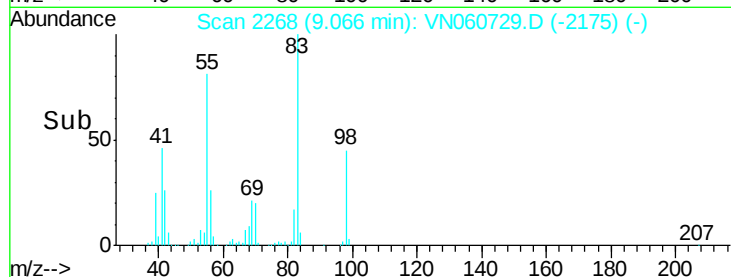
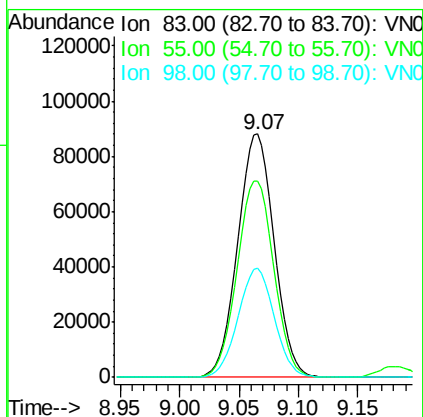
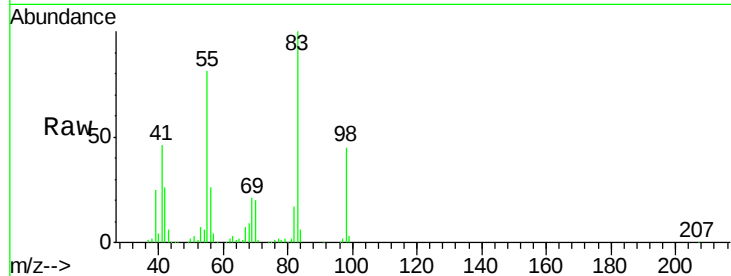




#39
Methylcyclohexane
Concen: 51.515 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

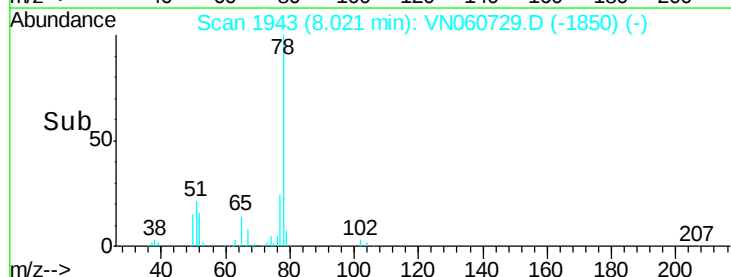
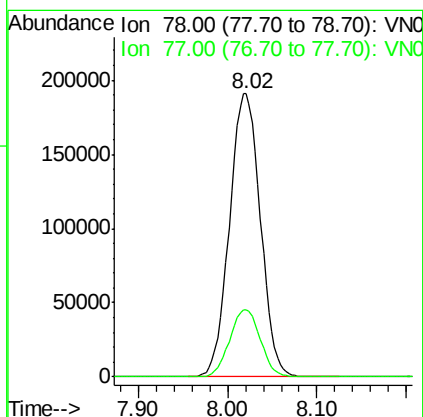
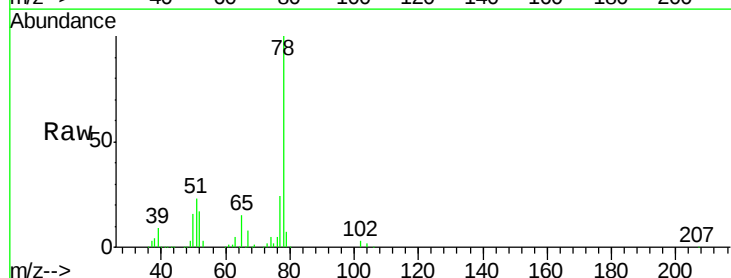
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

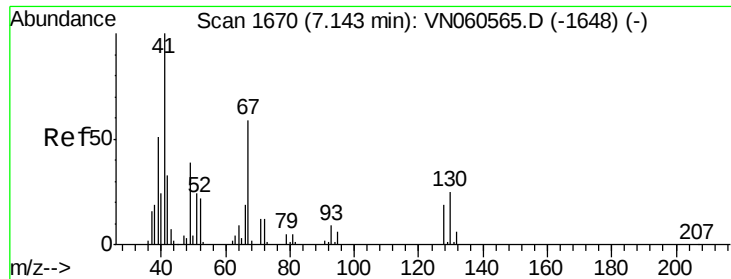
Tgt Ion: 83 Resp: 187085
Ion Ratio Lower Upper
83 100
55 80.7 63.6 95.4
98 44.7 36.0 54.0



#40
Benzene
Concen: 49.607 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 78 Resp: 457641
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

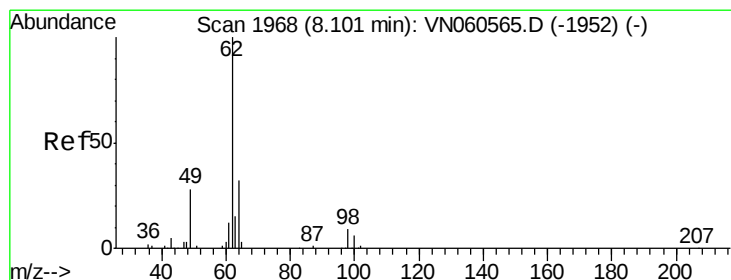
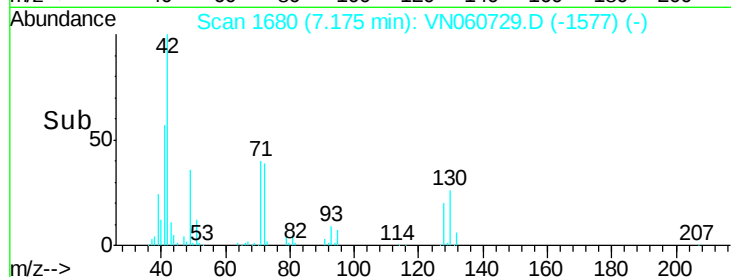
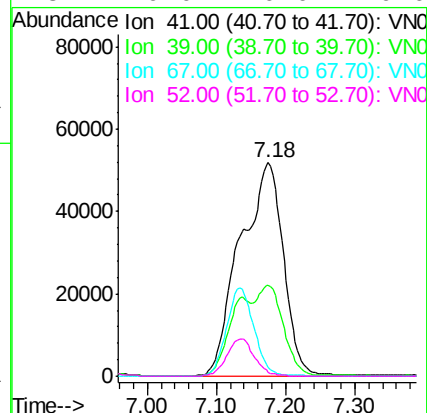
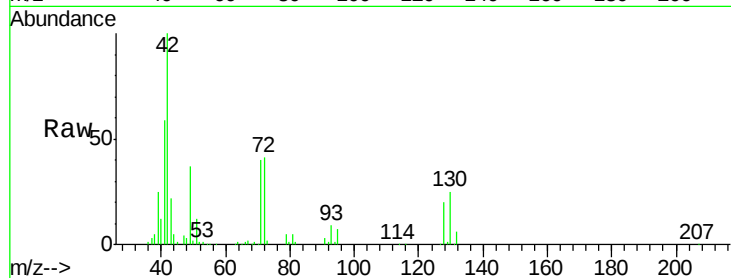




#41
Methacrylonitrile
Concen: 159.303 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

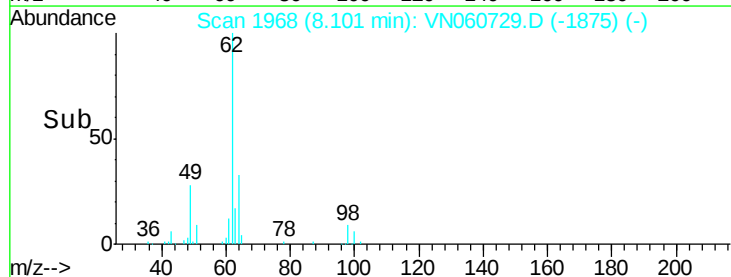
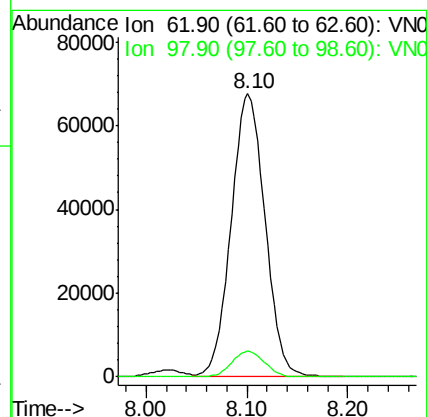
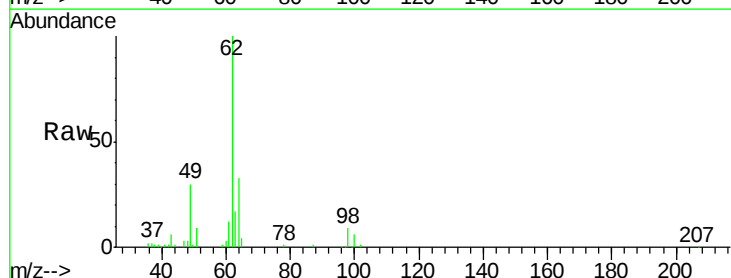
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

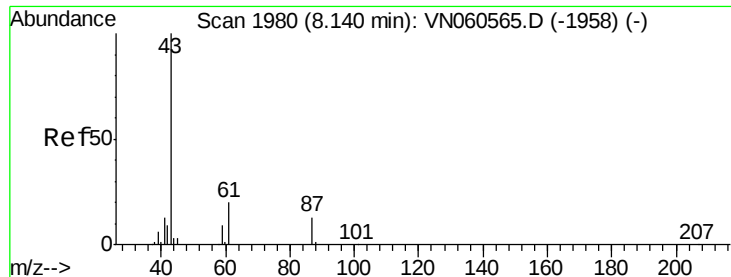
Tgt Ion:	41	Resp:	224494
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.132 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion:	62	Resp:	158054
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

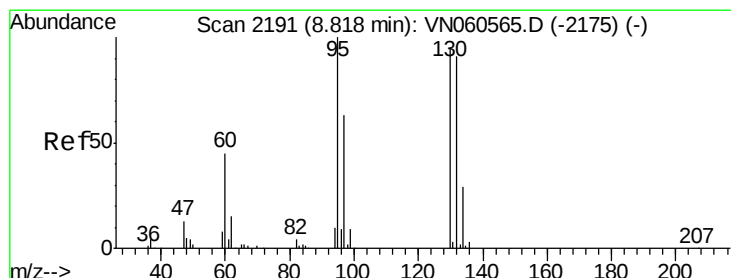
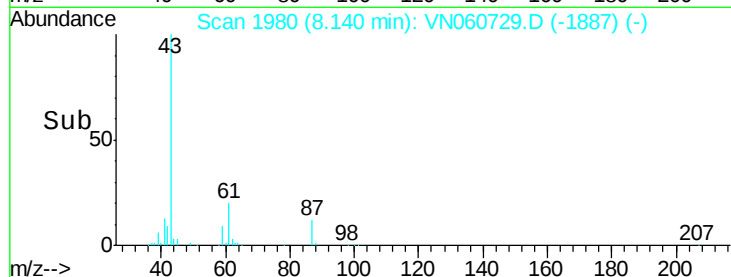
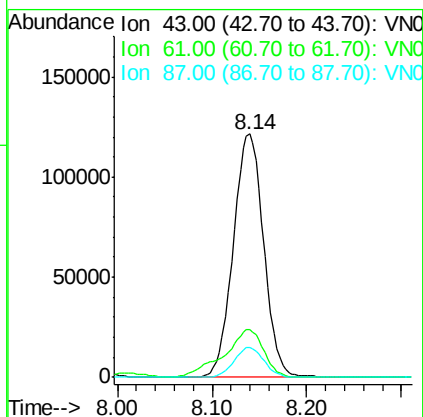
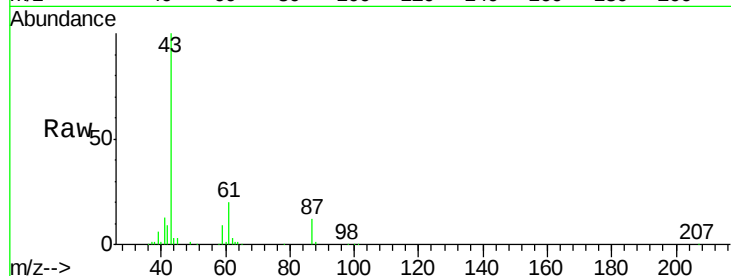




#43
Isopropyl Acetate
Concen: 49.754 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

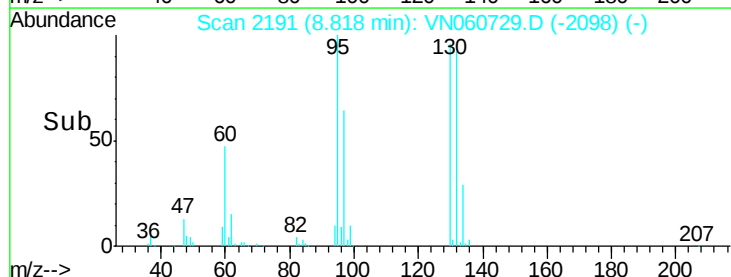
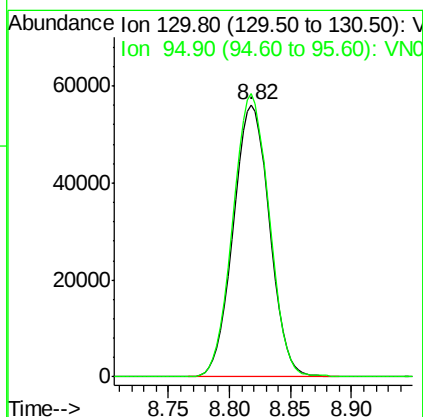
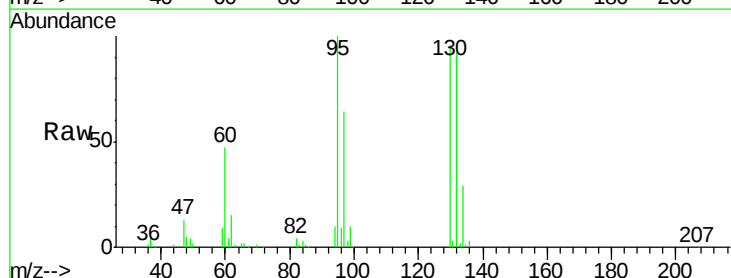
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

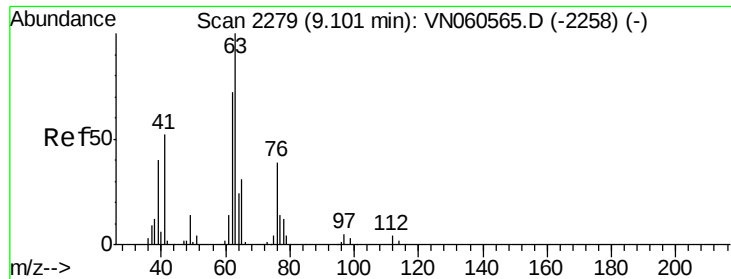
Tgt Ion: 43 Resp: 270949
Ion Ratio Lower Upper
43 100
61 25.7 20.7 31.1
87 12.0 9.8 14.8



#44
Trichloroethene
Concen: 49.719 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 130 Resp: 115627
Ion Ratio Lower Upper
130 100
95 104.0 0.0 211.2

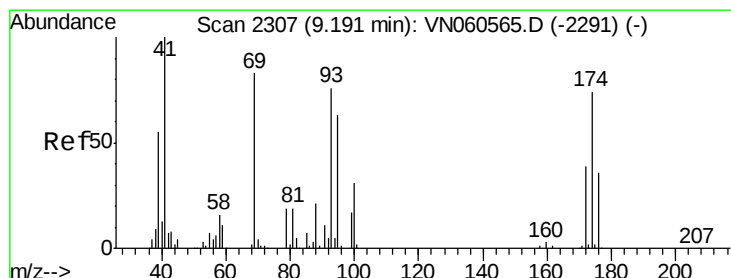
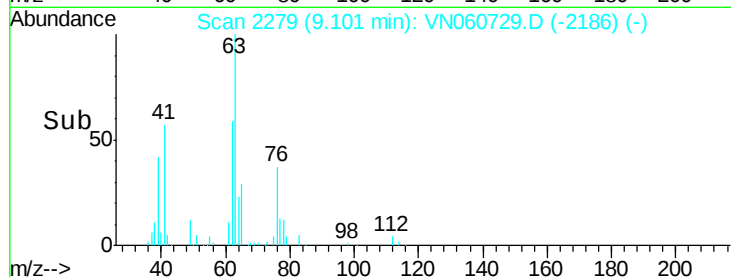
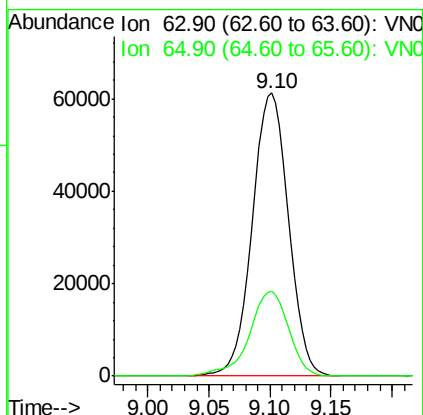
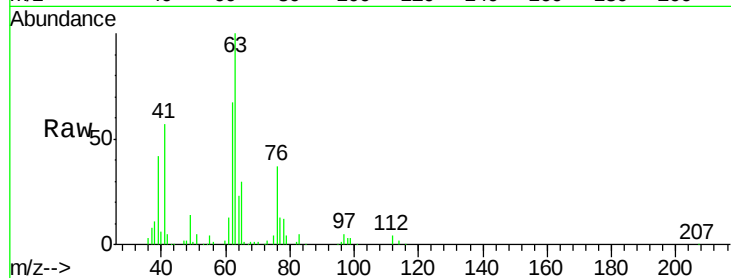




#45
 1,2-Dichloropropane
 Concen: 51.630 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

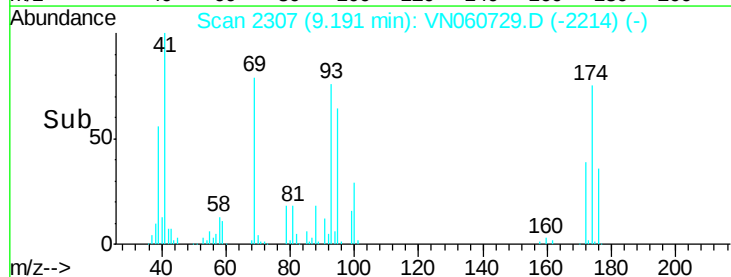
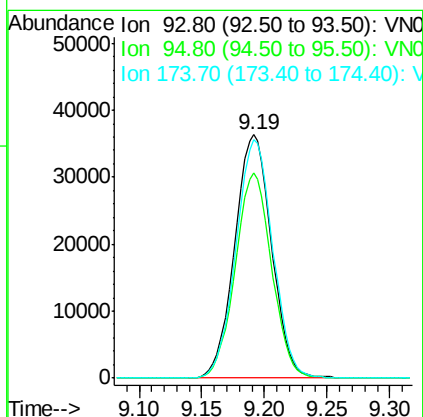
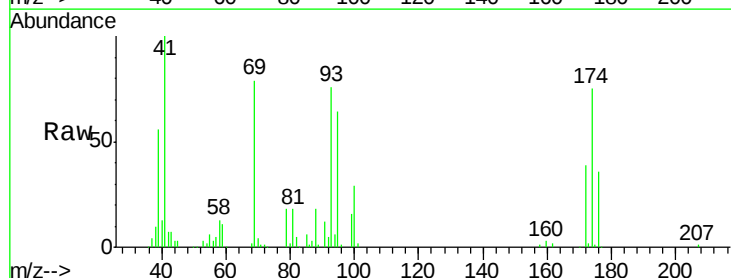
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 125681
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.4 38.0



#46
 Dibromomethane
 Concen: 50.515 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 93 Resp: 74341
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.4
 174 97.7 77.9 116.9





#47

Bromodichloromethane

Concen: 50.841 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

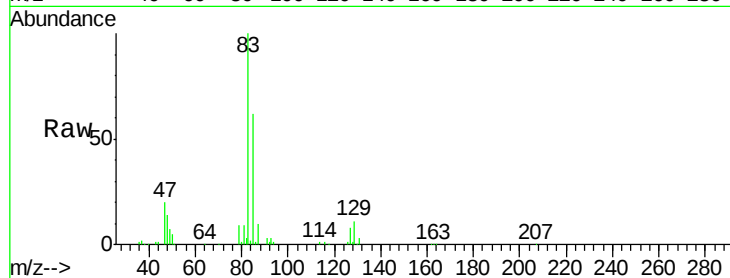
Tgt Ion: 83 Resp: 155478

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.6

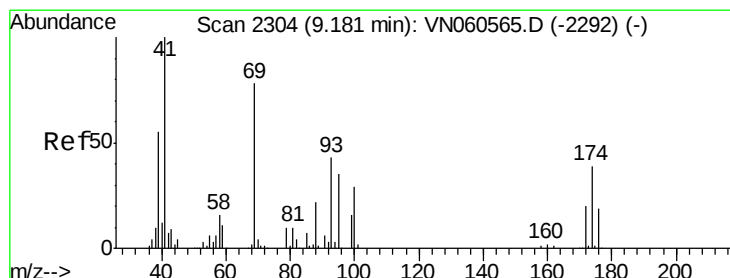
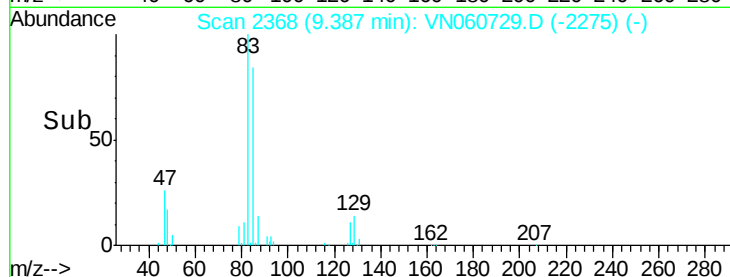
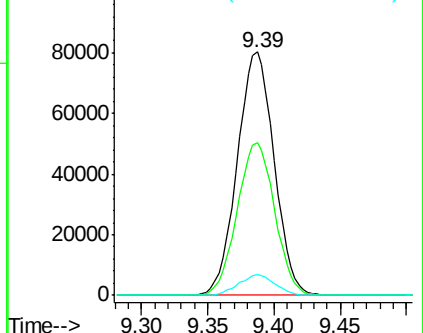
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060729.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060729.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060729.D (-2275) (-)



#48

Methyl methacrylate

Concen: 49.492 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

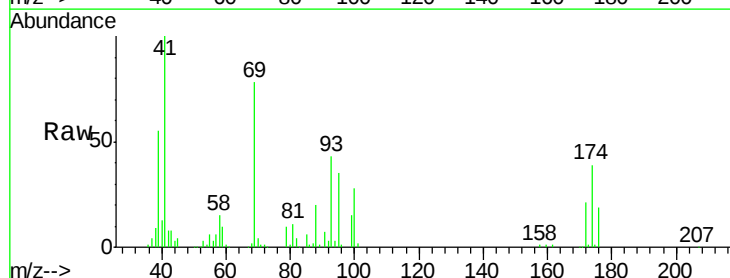
Tgt Ion: 41 Resp: 119999

Ion Ratio Lower Upper

41 100

69 81.5 65.4 98.0

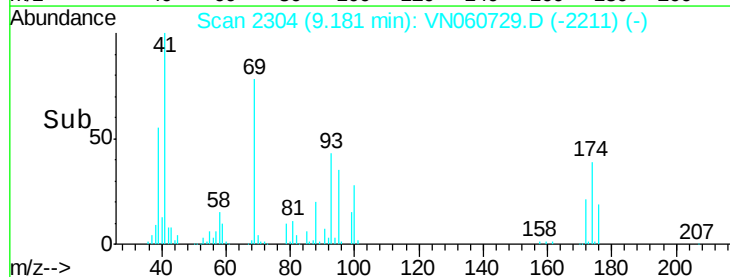
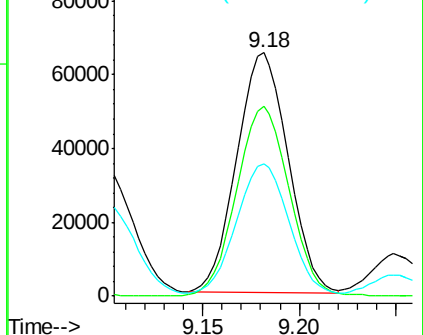
39 57.0 44.0 66.0

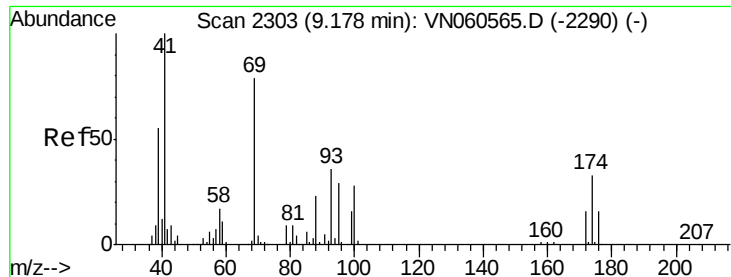


Abundance Ion 41.00 (40.70 to 41.70): VN060729.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060729.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060729.D (-2211) (-)

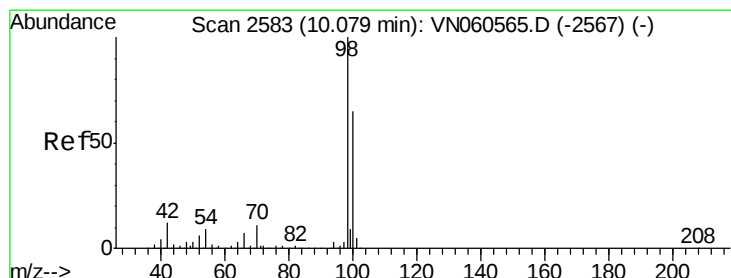
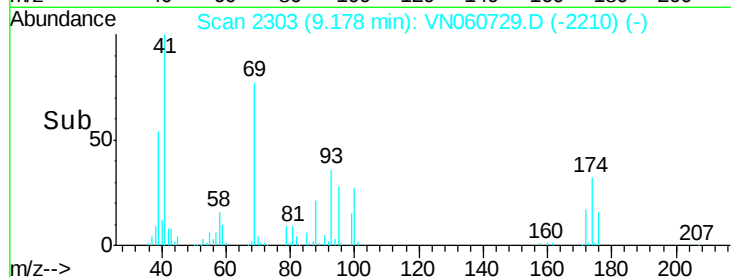
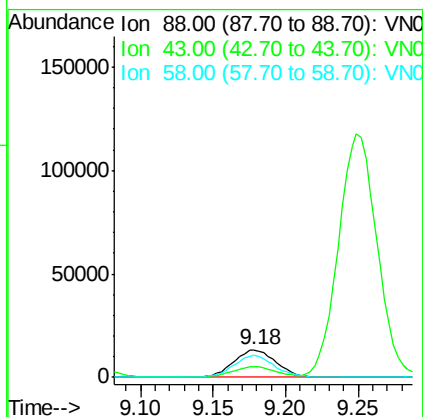
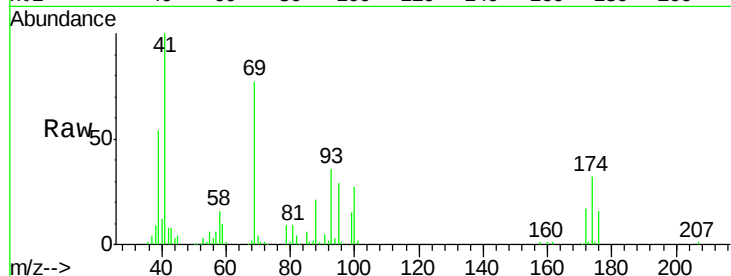




#49
1,4-Dioxane
Concen: 936.735 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

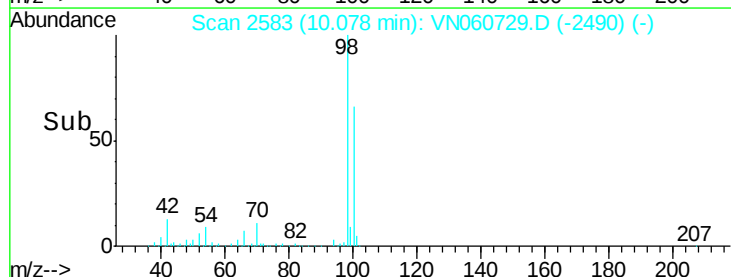
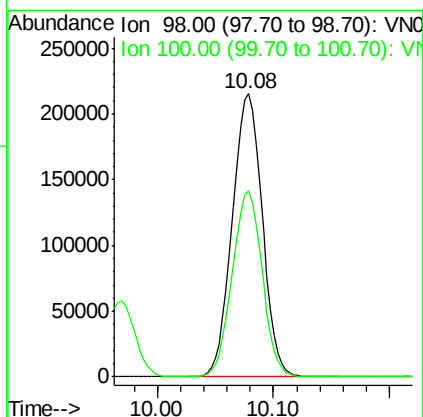
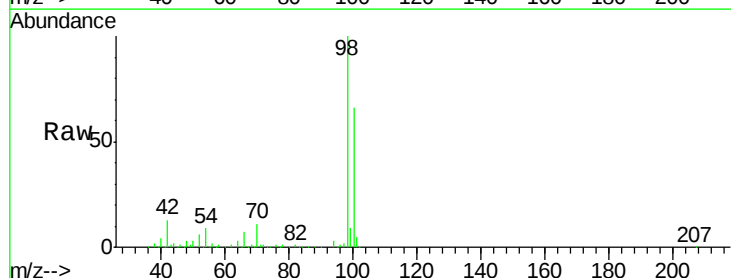
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 26996
Ion Ratio Lower Upper
88 100
43 40.2 30.8 46.2
58 76.5 59.8 89.8



#50
Toluene-d8
Concen: 49.401 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 98 Resp: 385069
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.8

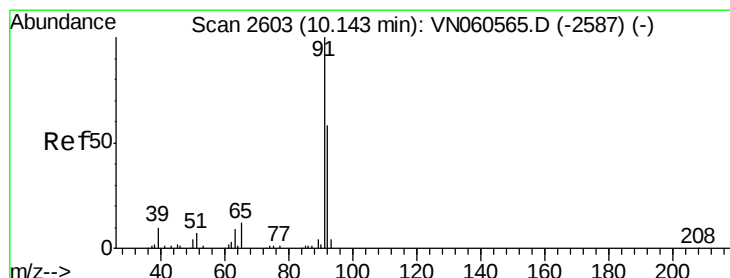
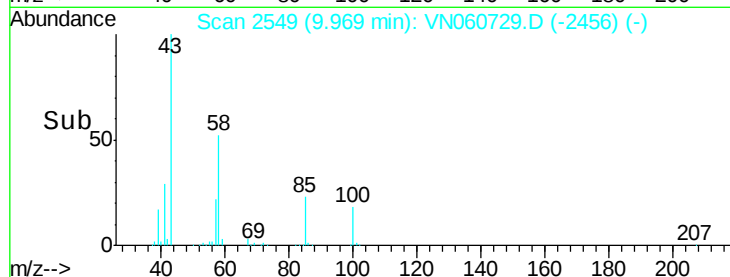
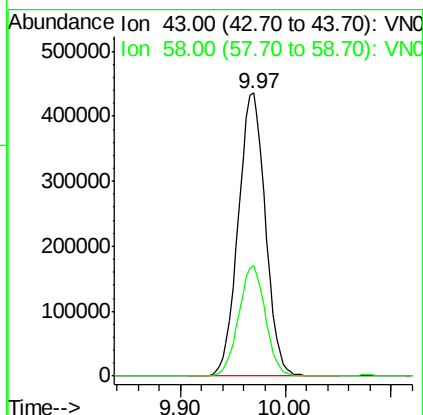
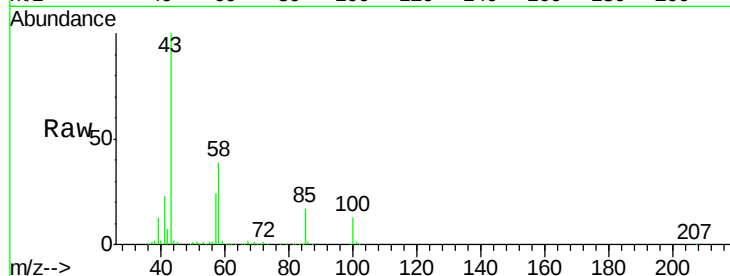




#51
 4-Methyl-2-Pentanone
 Concen: 250.552 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

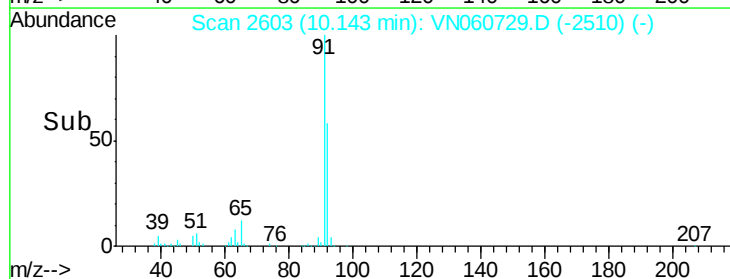
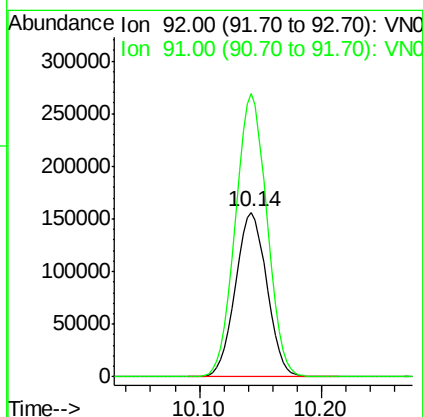
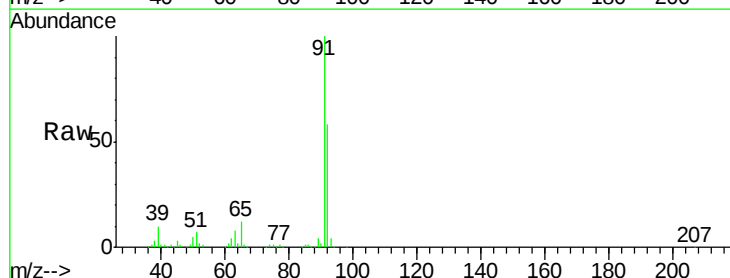
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

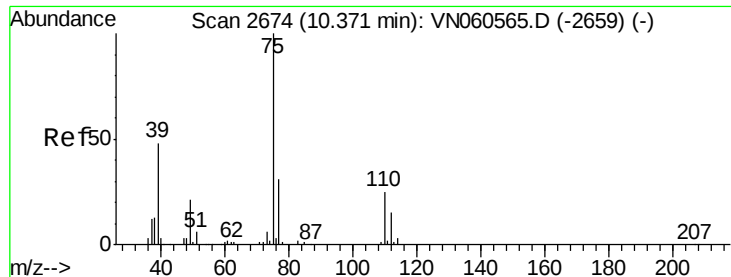
Tgt Ion: 43 Resp: 776429
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.8 46.2



#52
 Toluene
 Concen: 50.062 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 92 Resp: 278917
 Ion Ratio Lower Upper
 92 100
 91 172.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.212 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

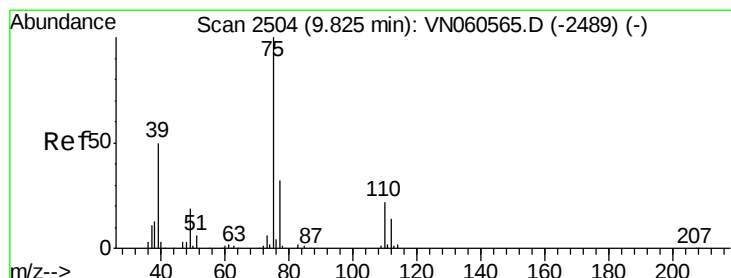
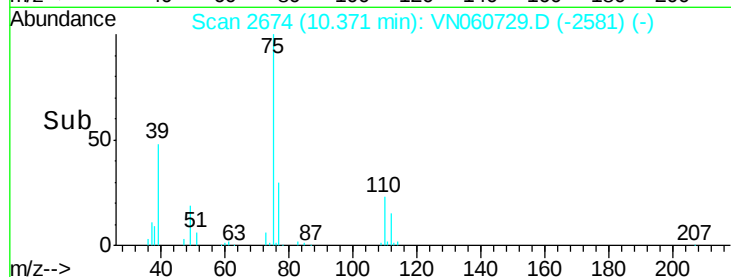
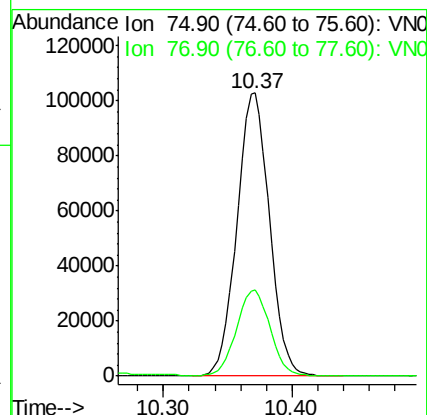
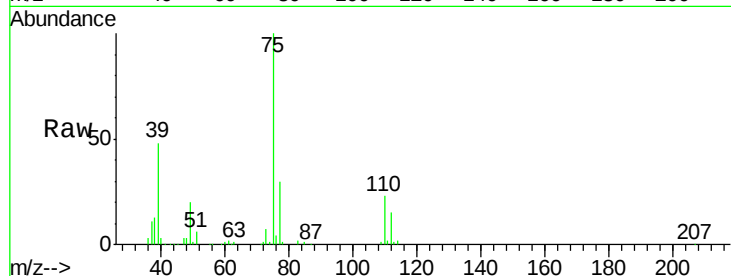
VSTDCCC050EC

Tgt Ion: 75 Resp: 179896

Ion Ratio Lower Upper

75 100

77 30.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.129 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

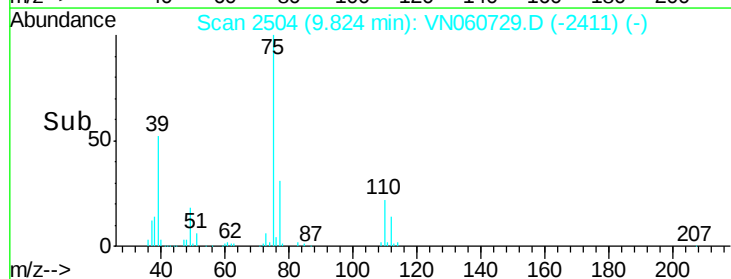
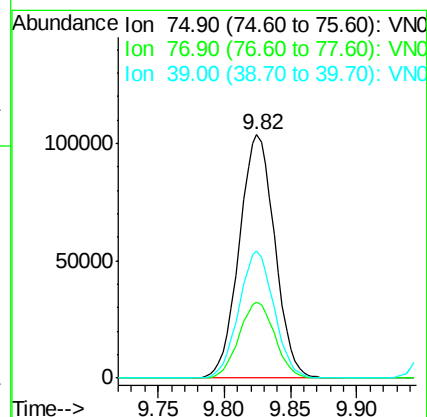
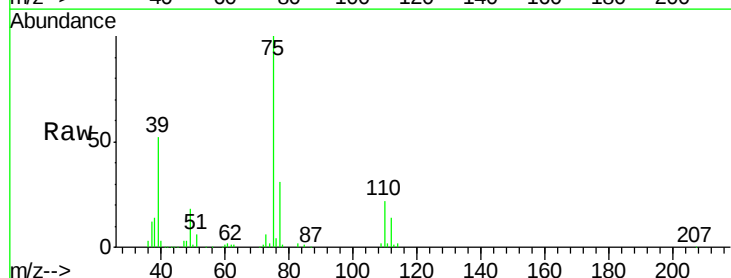
Tgt Ion: 75 Resp: 193184

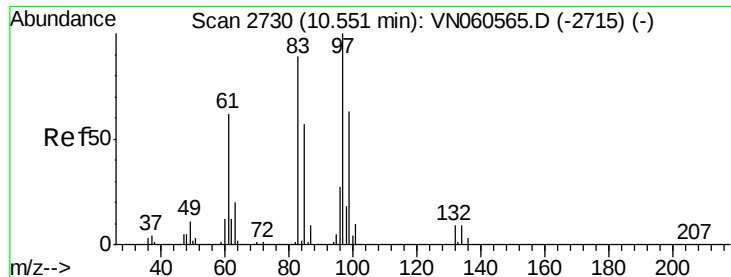
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 52.0 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 50.272 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 107753

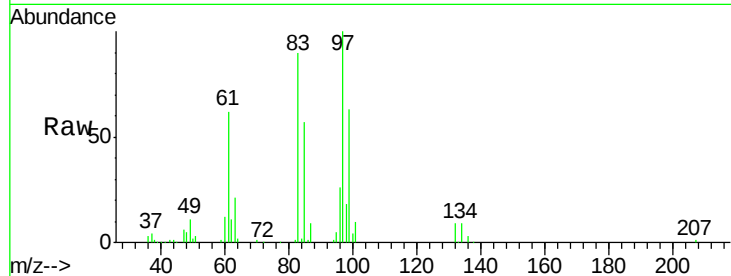
Ion Ratio Lower Upper

97 100

83 89.9 71.3 106.9

85 57.3 45.2 67.8

99 63.0 50.1 75.1

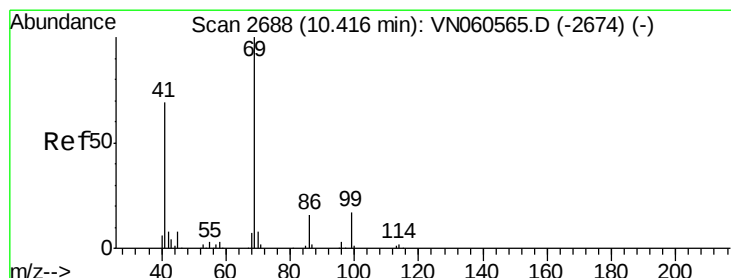
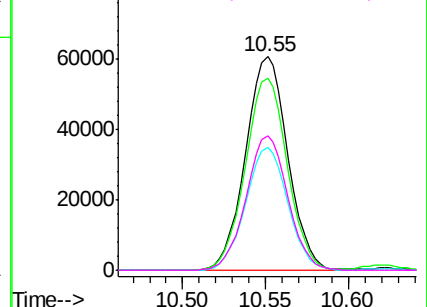
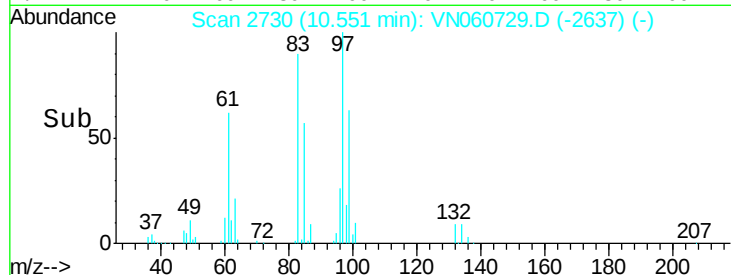


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 51.501 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

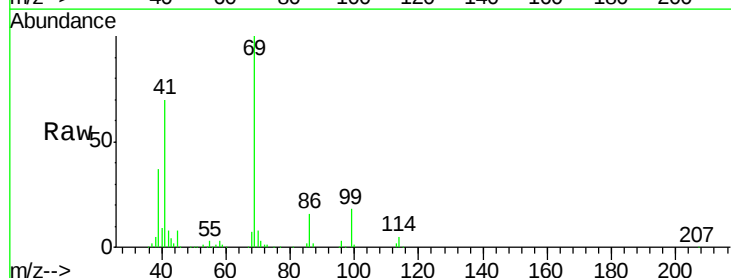
Tgt Ion: 69 Resp: 172122

Ion Ratio Lower Upper

69 100

41 70.0 55.4 83.2

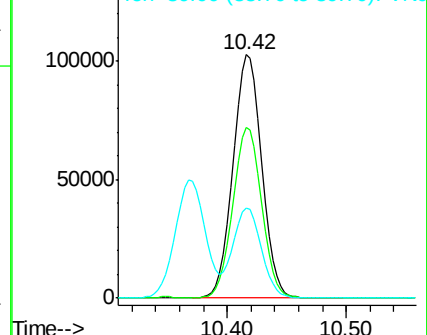
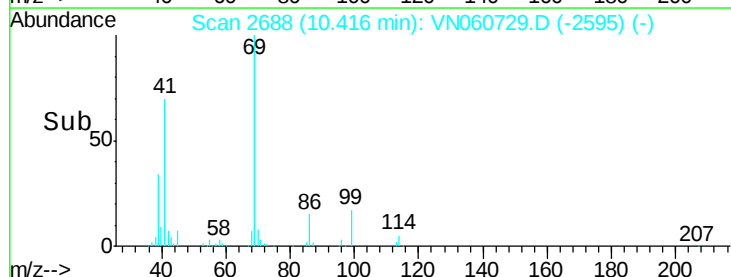
39 36.6 29.4 44.0

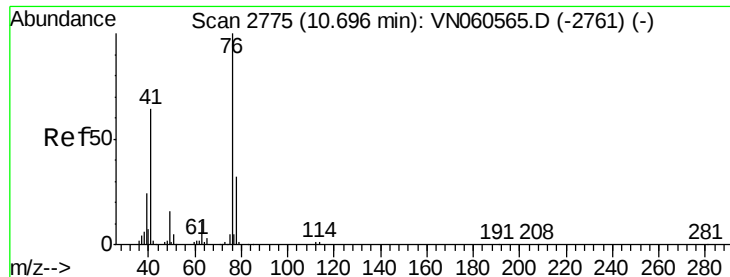


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.072 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

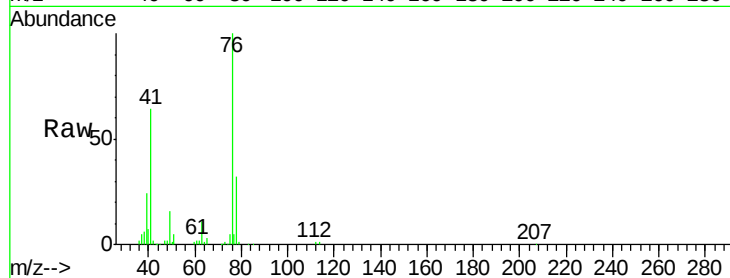
VSTDCCC050EC

Tgt Ion: 76 Resp: 186243

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060729.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060729.D (-2682) (-)

10.70

120000

100000

80000

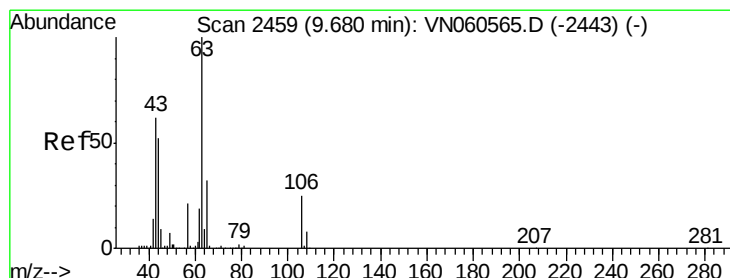
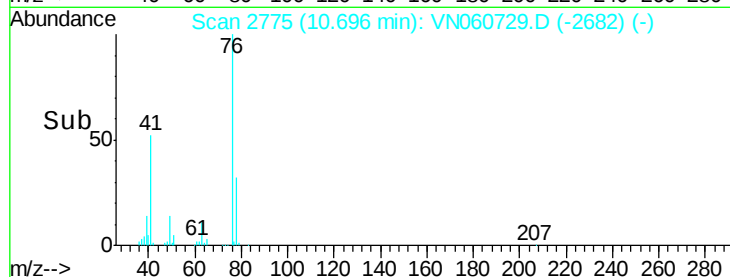
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 245.873 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060729.D

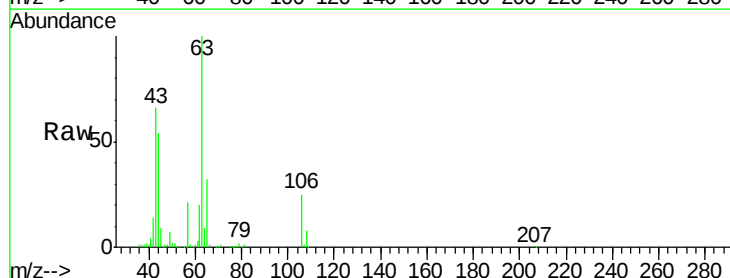
Acq: 26 Mar 2020 21:08

Tgt Ion: 63 Resp: 408409

Ion Ratio Lower Upper

63 100

106 24.8 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060729.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060729.D (-2366) (-)

9.68

250000

200000

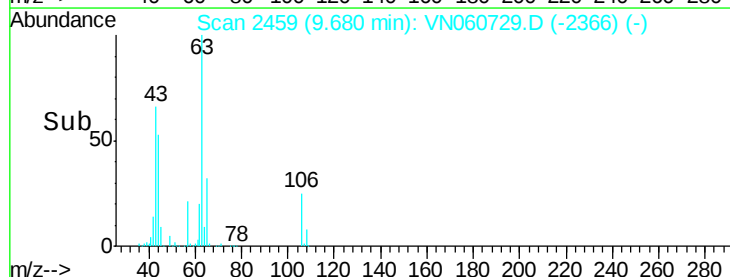
150000

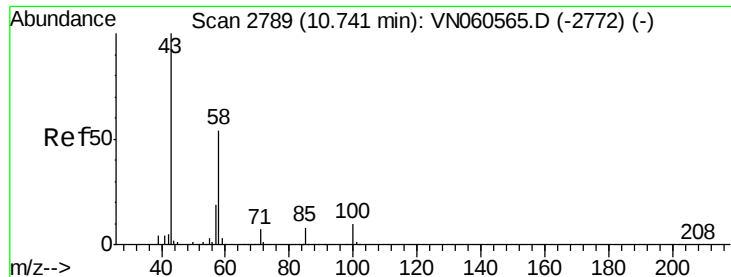
100000

50000

0

Time--> 9.60 9.70 9.80

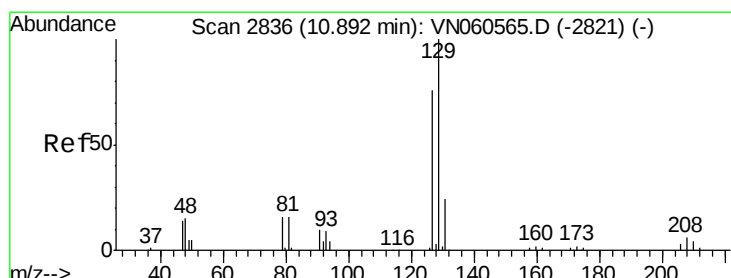
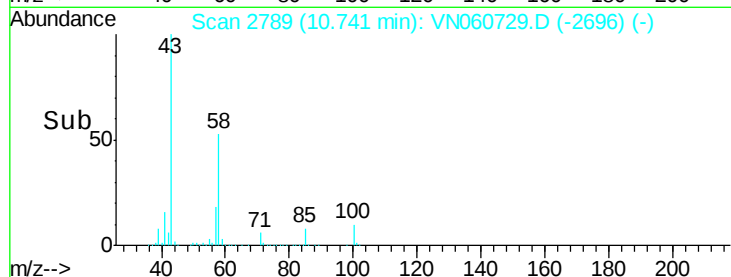
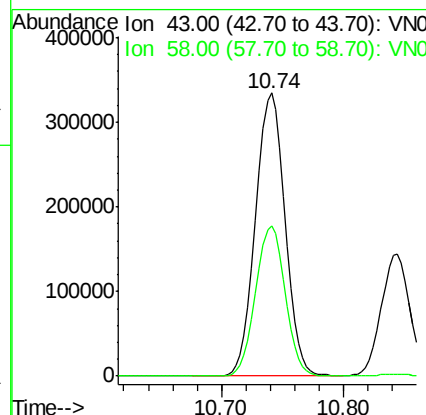
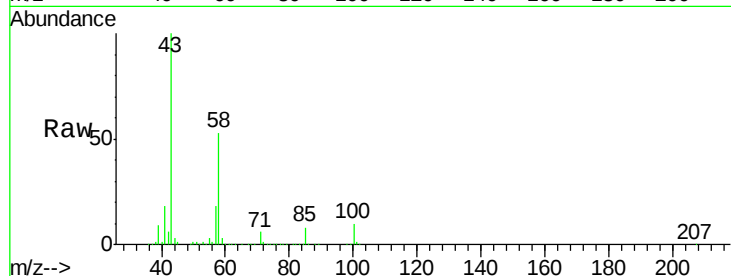




#59
2-Hexanone
Concen: 249.517 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

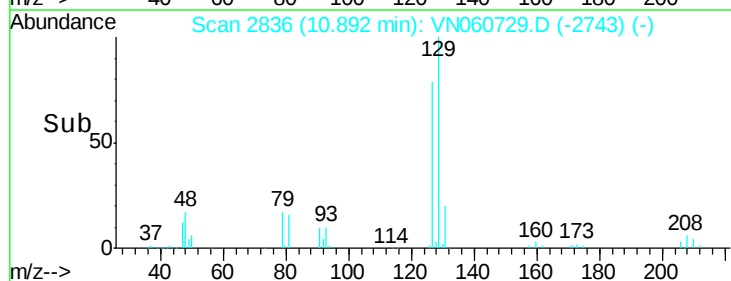
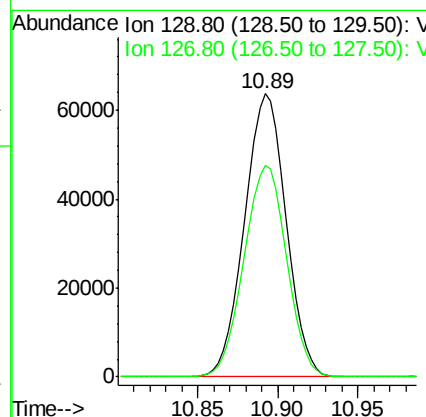
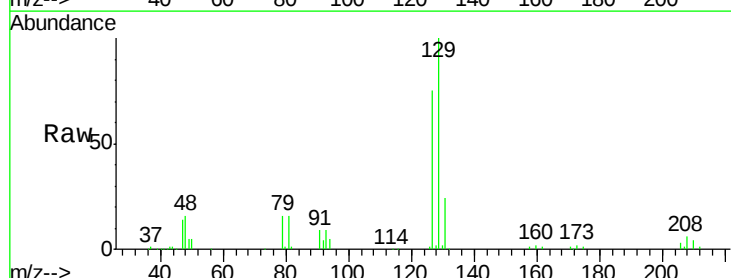
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

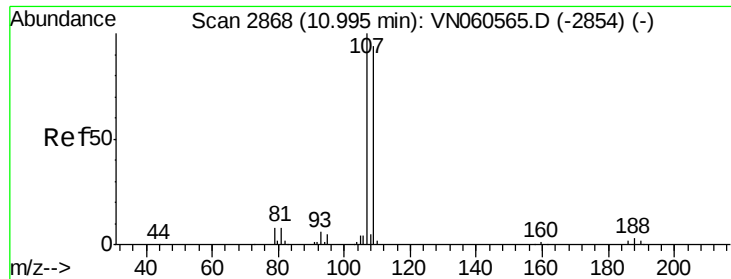
Tgt Ion: 43 Resp: 556991
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1



#60
Dibromochloromethane
Concen: 50.989 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 129 Resp: 112893
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

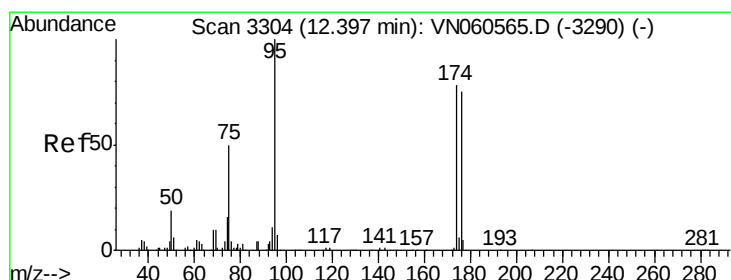
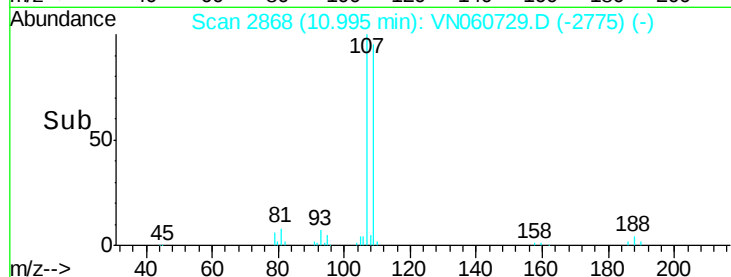
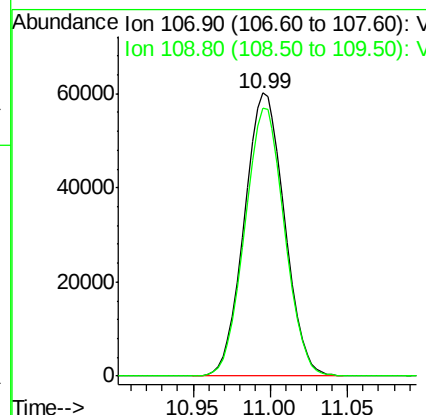
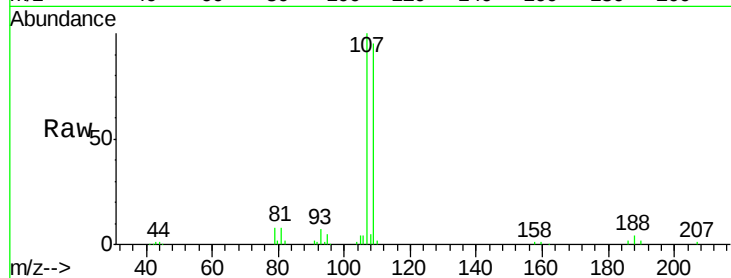




#61
 1,2-Dibromoethane
 Concen: 50.381 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

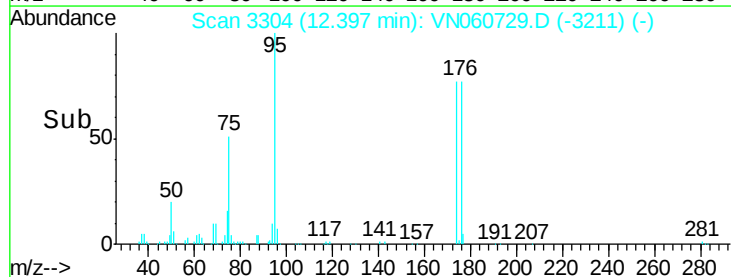
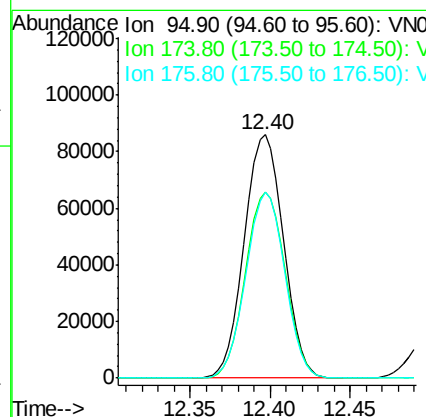
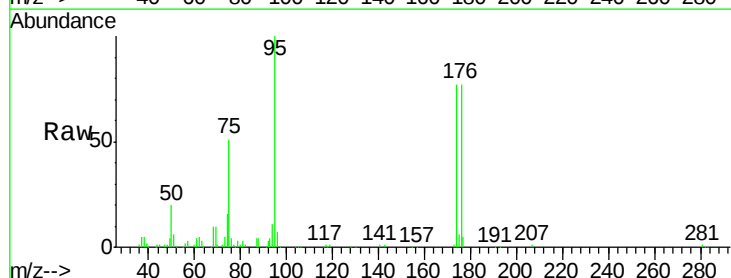
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 108587
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.345 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 95 Resp: 143820
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 157.6
 176 75.8 0.0 150.6

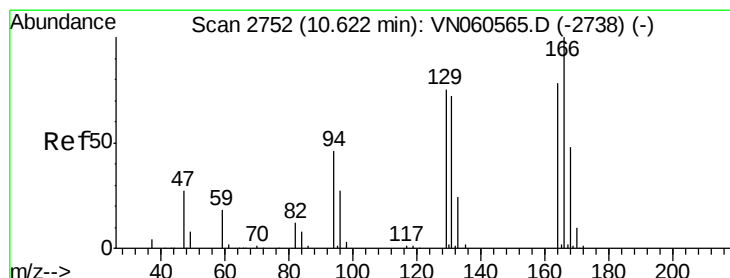
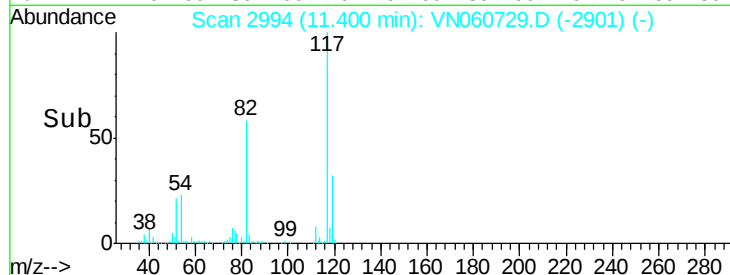
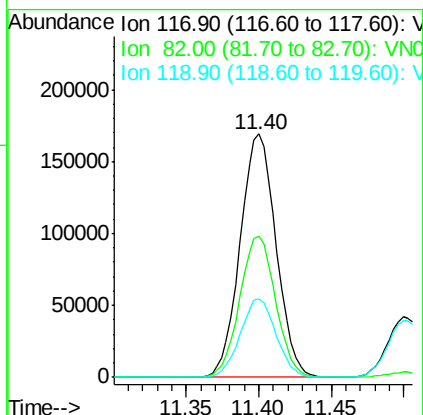
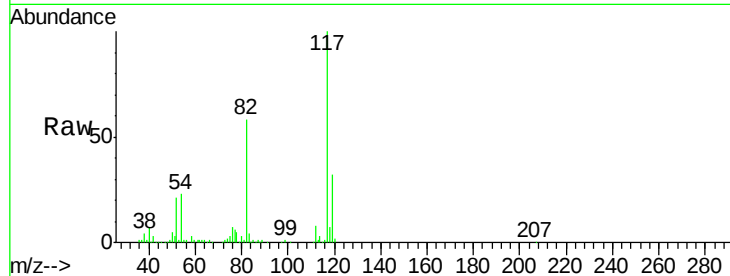




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

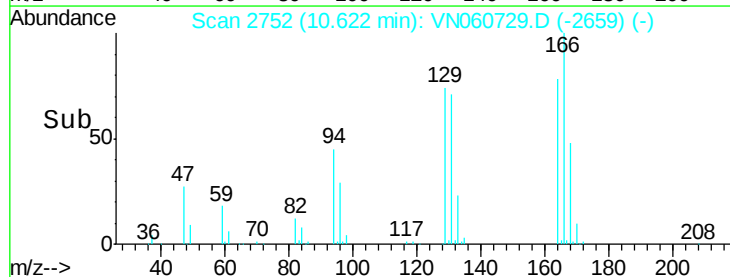
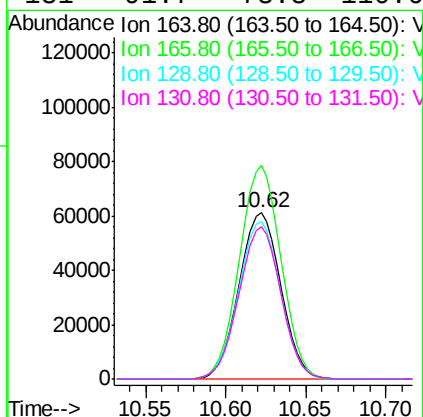
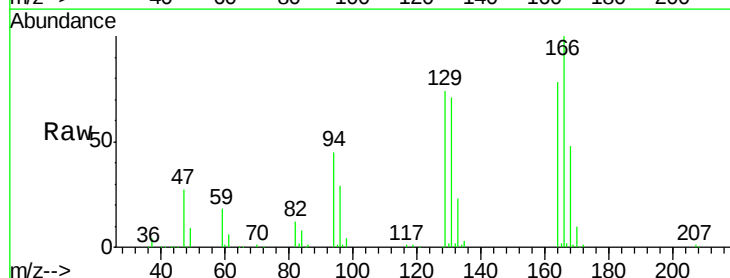
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 291408
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 47.648 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion:164 Resp: 109264
Ion Ratio Lower Upper
164 100
166 128.6 102.7 154.1
129 95.2 77.2 115.8
131 91.7 73.8 110.6

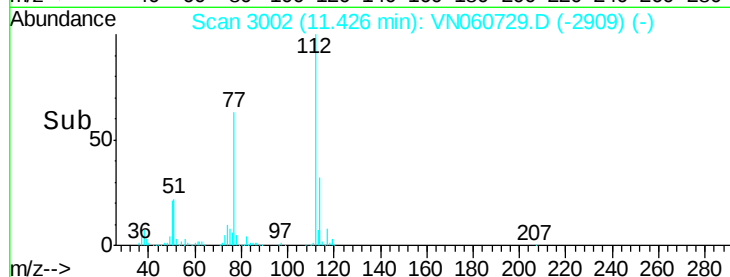
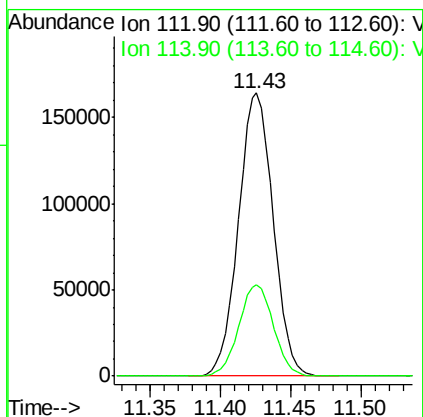
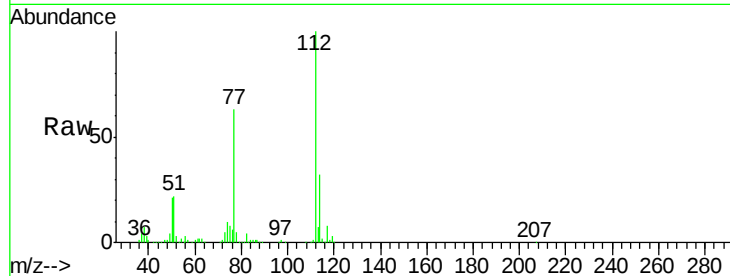




#65
Chlorobenzene
Concen: 48.951 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

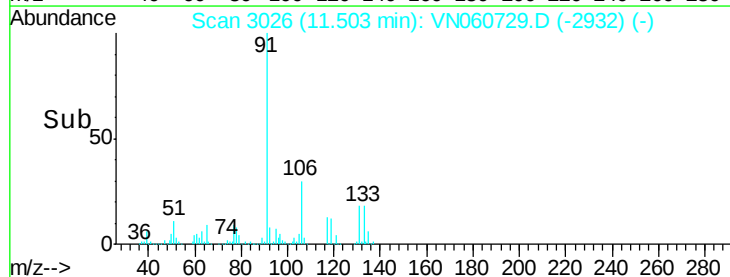
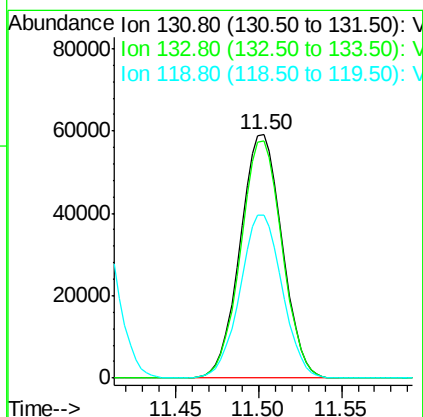
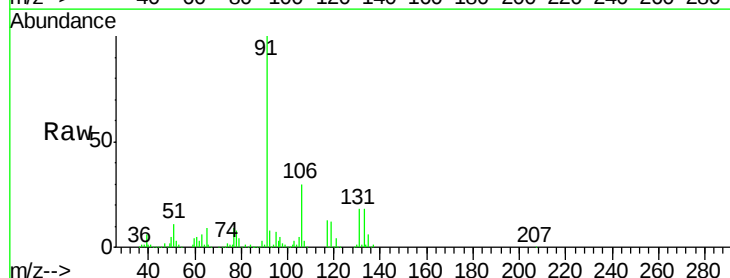
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 282785
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.828 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion:131 Resp: 104221
Ion Ratio Lower Upper
131 100
133 96.1 48.9 146.8
119 66.9 33.9 101.7





#67

Ethyl Benzene

Concen: 50.135 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

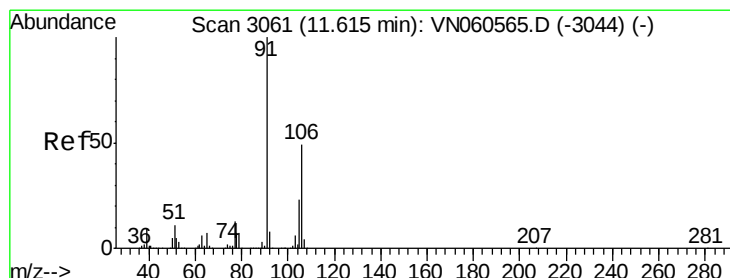
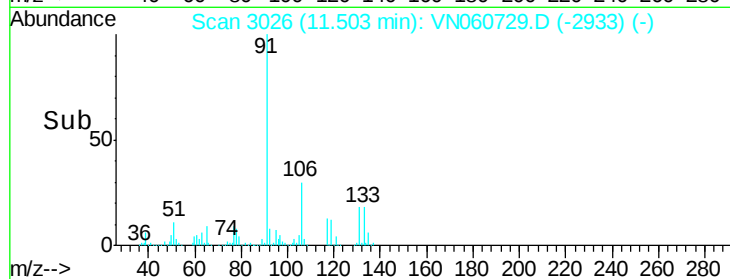
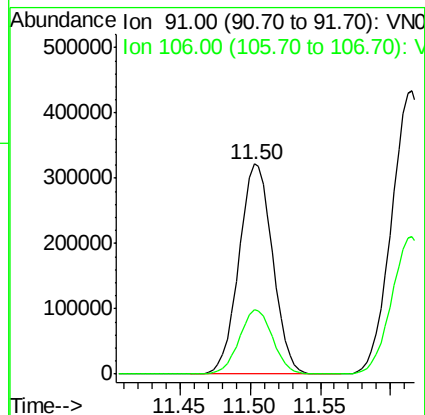
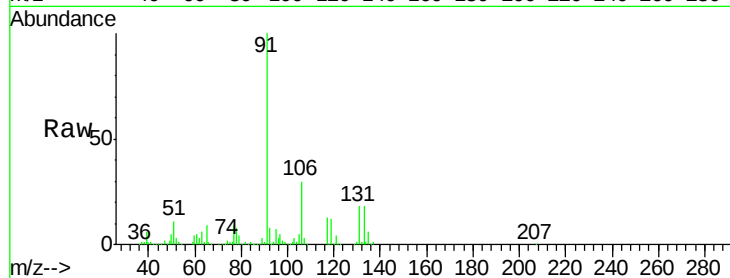
VSTDCCC050EC

Tgt Ion: 91 Resp: 538599

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2



#68

m/p-Xylenes

Concen: 99.400 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060729.D

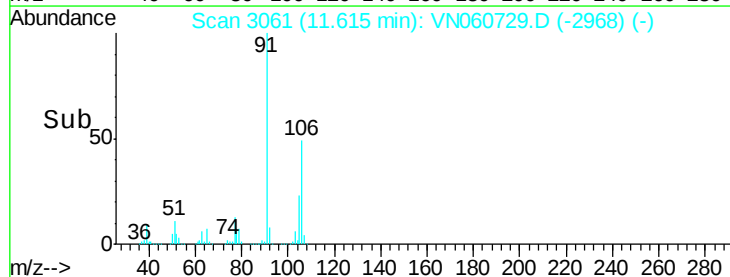
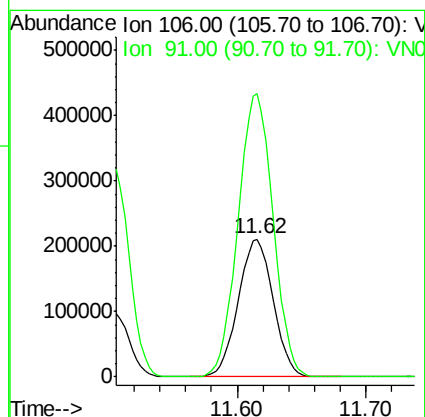
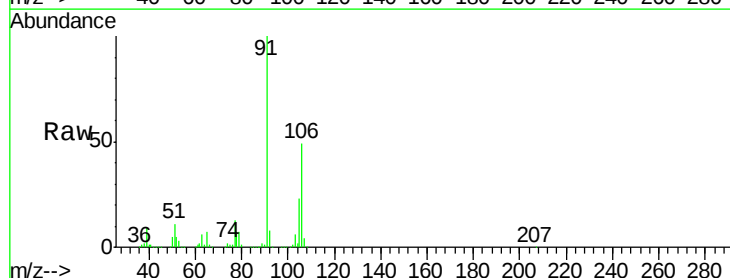
Acq: 26 Mar 2020 21:08

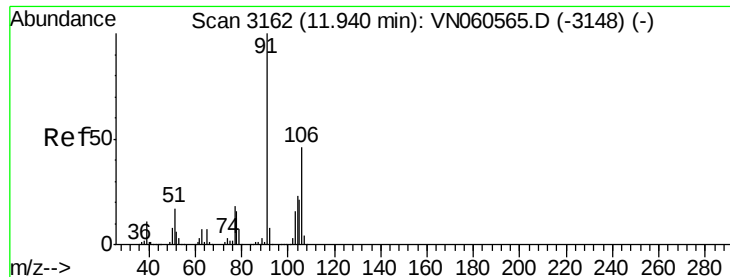
Tgt Ion: 106 Resp: 396821

Ion Ratio Lower Upper

106 100

91 206.5 165.0 247.4

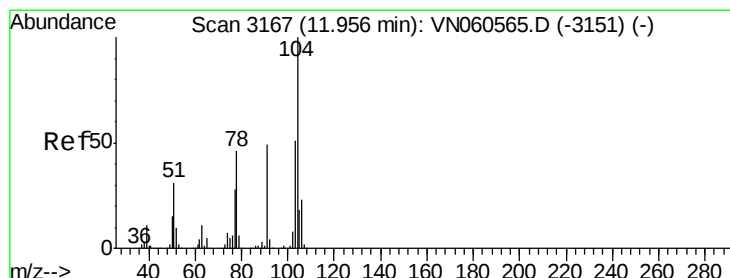
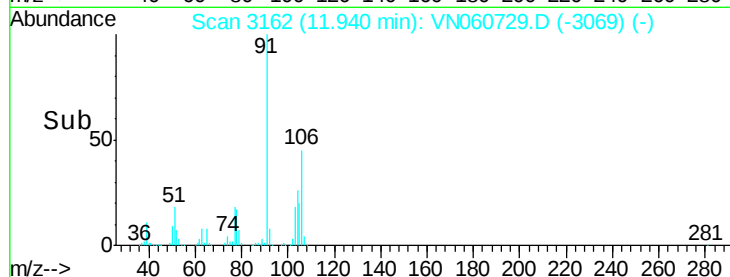
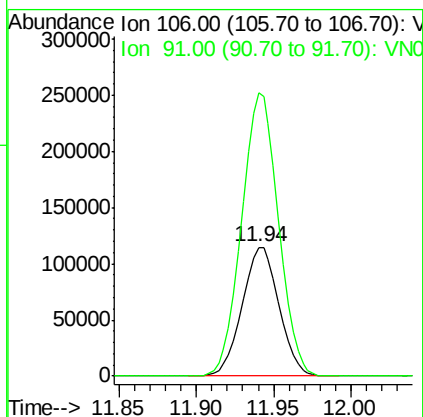
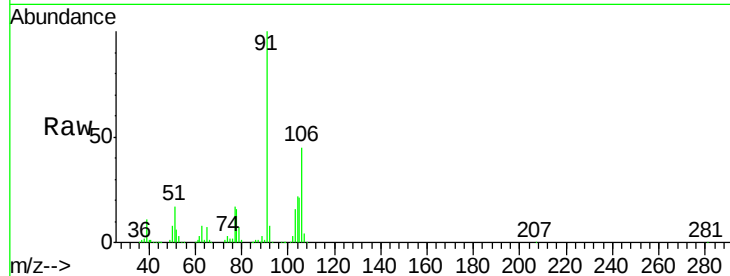




#69
o-Xylene
Concen: 49.811 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

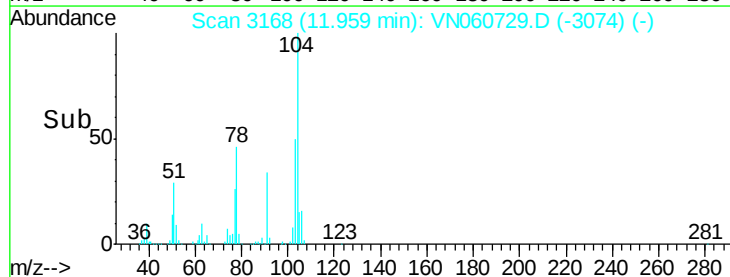
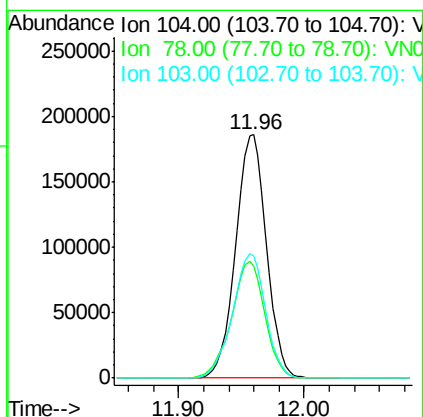
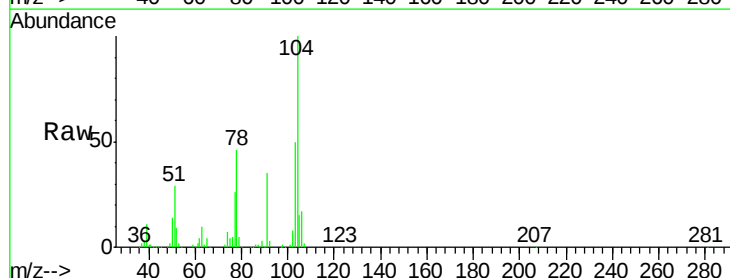
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

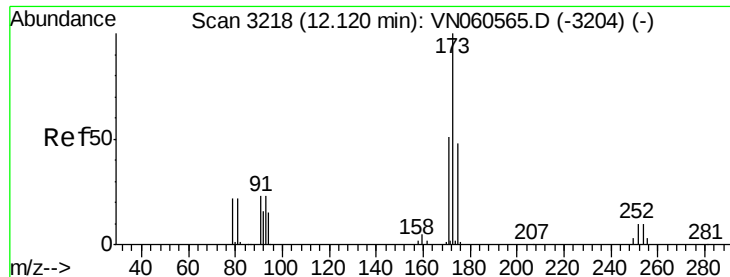
Tgt Ion:106 Resp: 189828
Ion Ratio Lower Upper
106 100
91 219.4 109.5 328.4



#70
Styrene
Concen: 50.909 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion:104 Resp: 317306
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 54.8 44.0 66.0

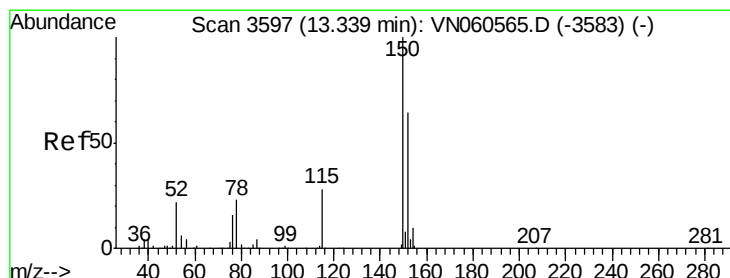
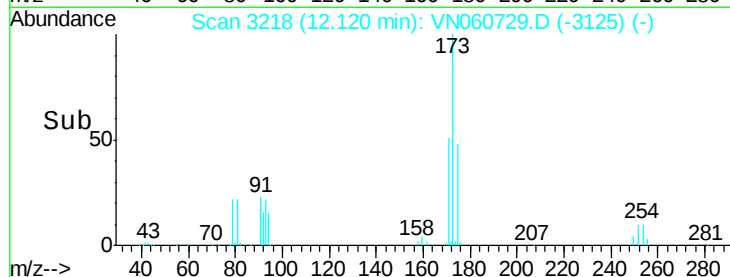
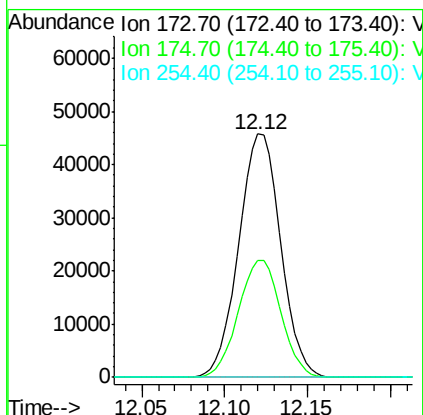
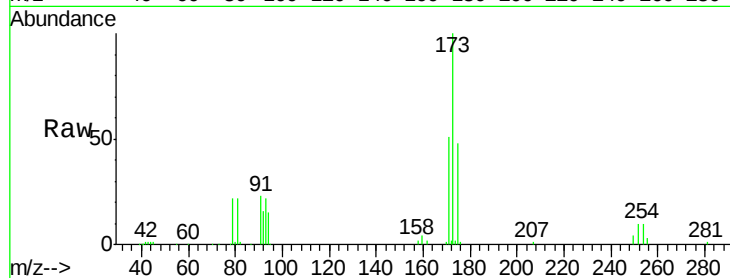




#71
Bromoform
Concen: 46.503 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

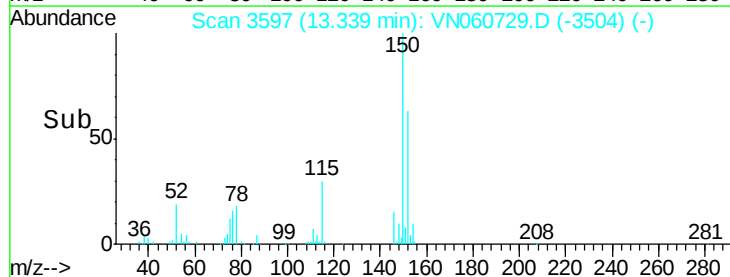
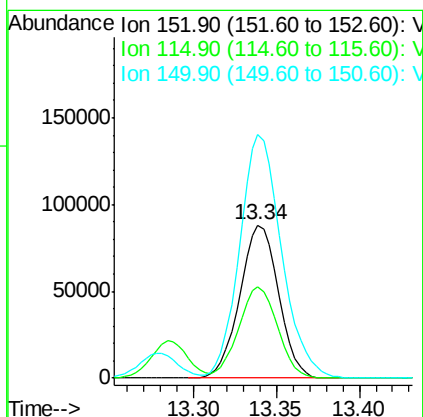
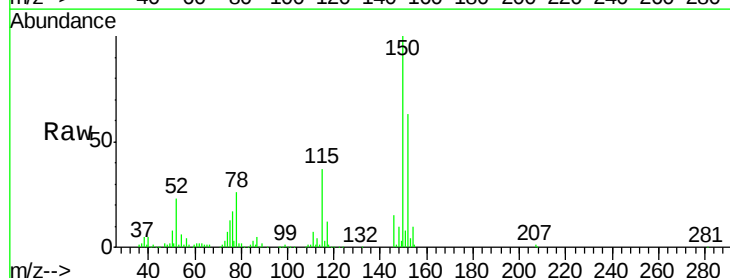
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 80630
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion:152 Resp: 143168
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 172.4 0.0 350.2





#73

Isopropylbenzene

Concen: 47.780 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

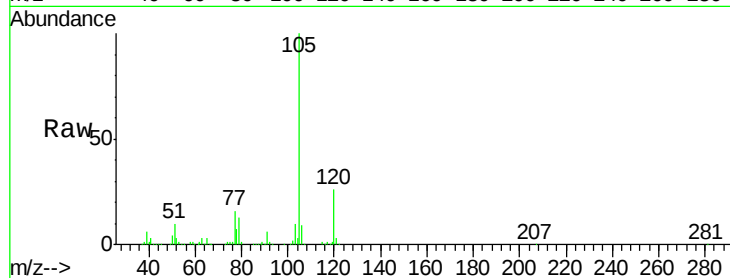
VSTDCCC050EC

Tgt Ion: 105 Resp: 513354

Ion Ratio Lower Upper

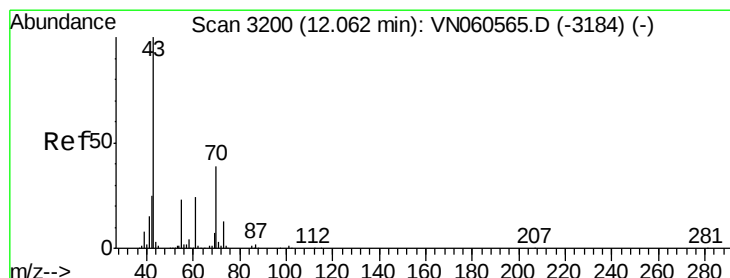
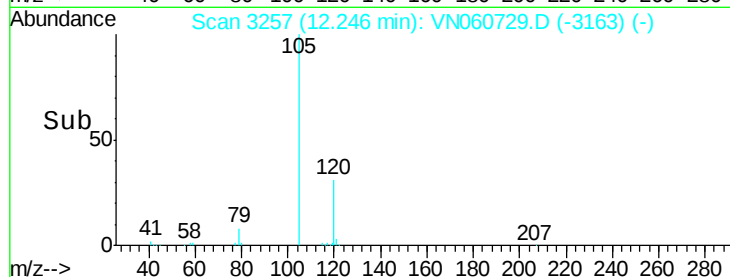
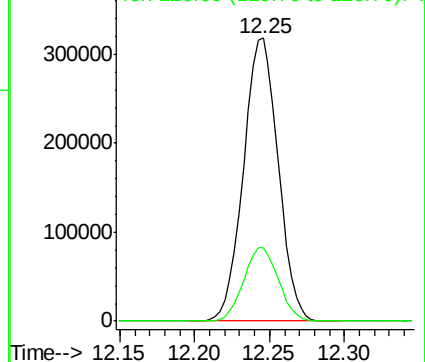
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.919 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion: 43 Resp: 237907

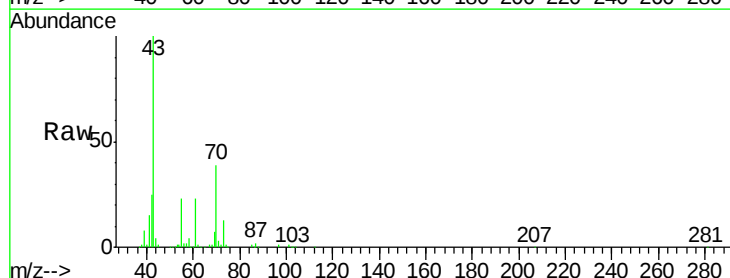
Ion Ratio Lower Upper

43 100

70 39.1 31.1 46.7

55 23.5 18.6 27.8

61 23.6 18.9 28.3

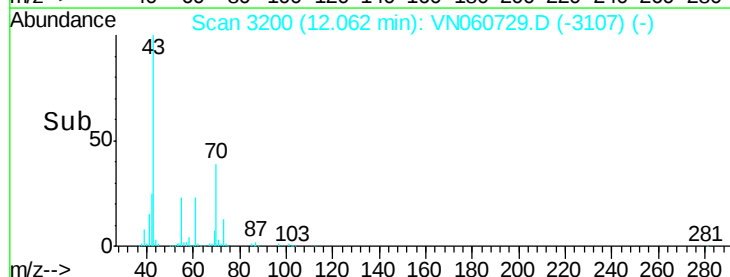
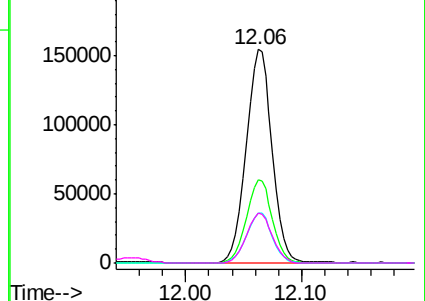


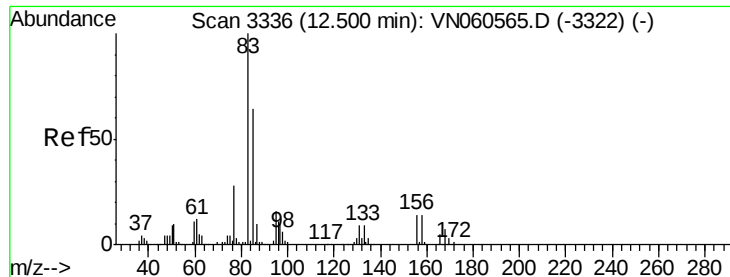
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.502 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

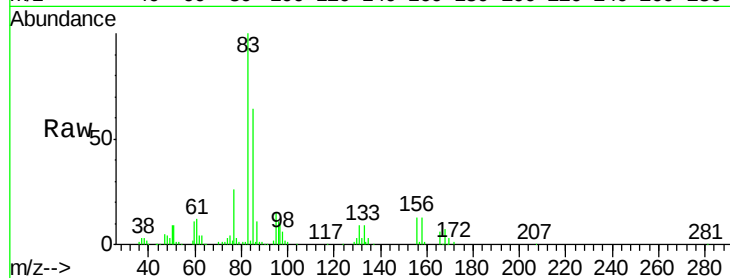
Tgt Ion: 83 Resp: 154341

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

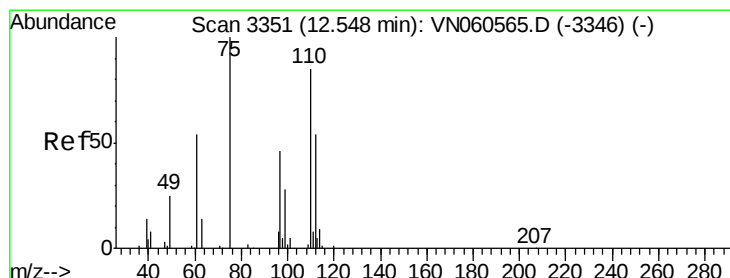
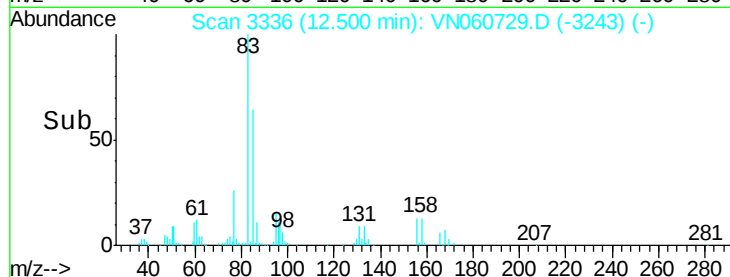
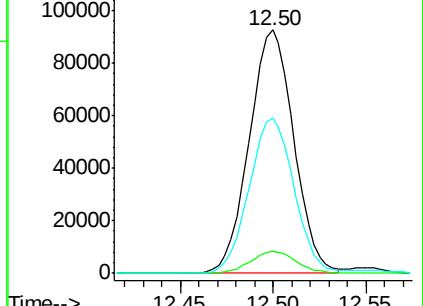
85 64.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060729.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060729.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060729.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 66.931 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060729.D

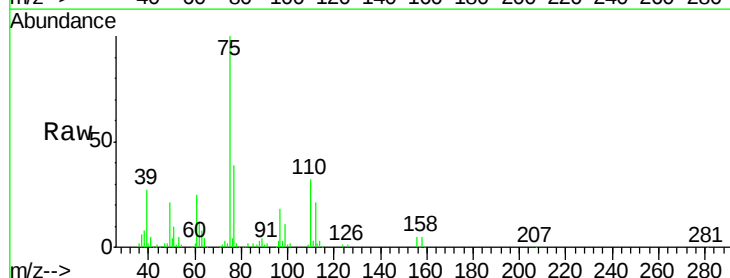
Acq: 26 Mar 2020 21:08

Tgt Ion: 75 Resp: 206767

Ion Ratio Lower Upper

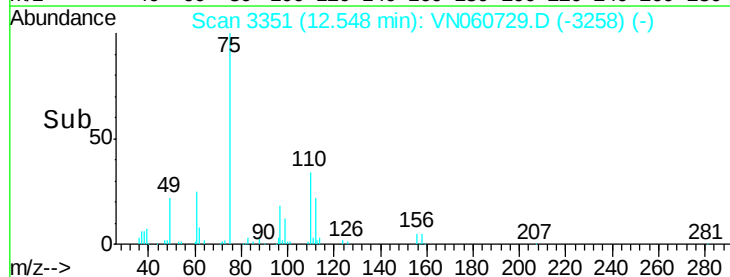
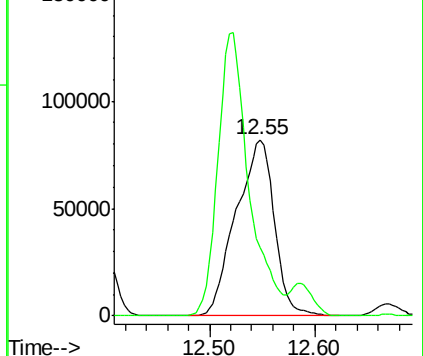
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060729.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060729.D (-3258) (-)





#77

Bromobenzene

Concen: 46.956 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

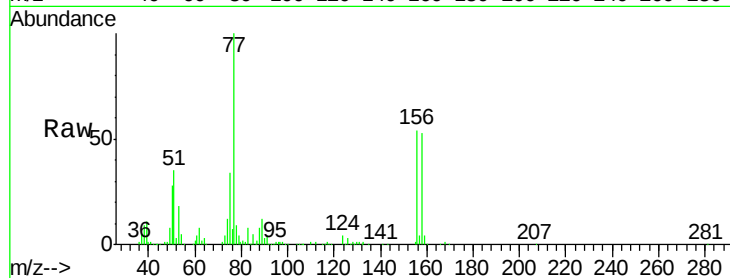
Tgt Ion:156 Resp: 121569

Ion Ratio Lower Upper

156 100

77 221.4 112.3 337.0

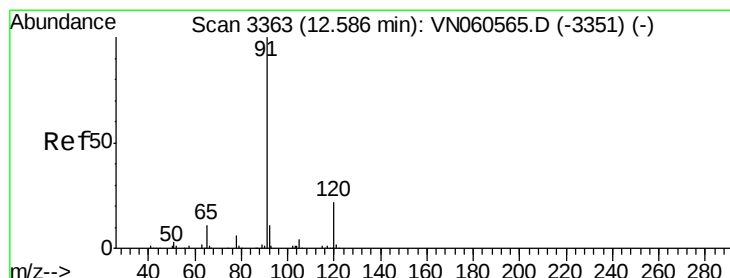
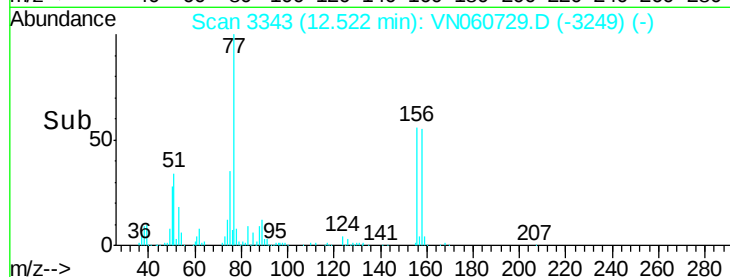
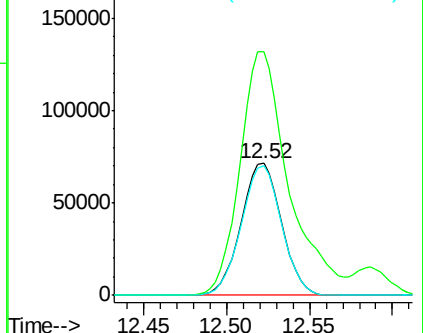
158 97.5 48.6 145.8



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: 48.361 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060729.D

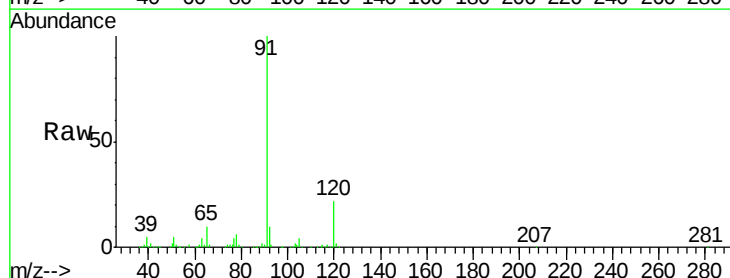
Acq: 26 Mar 2020 21:08

Tgt Ion: 91 Resp: 613869

Ion Ratio Lower Upper

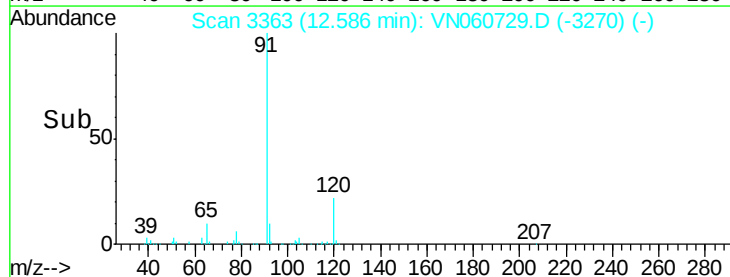
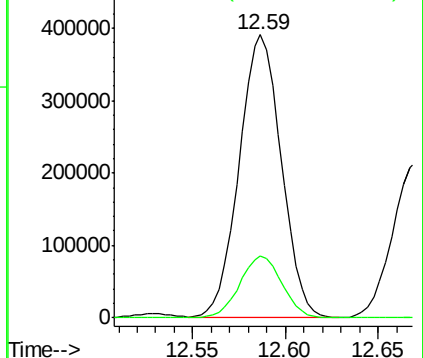
91 100

120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

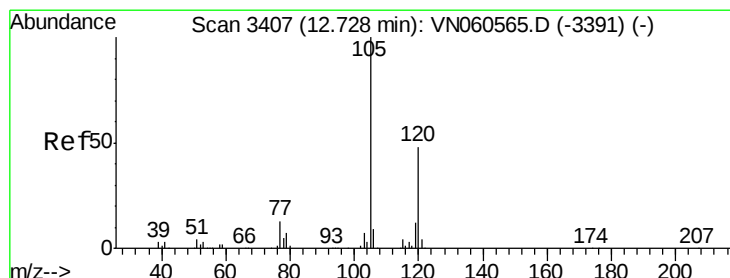
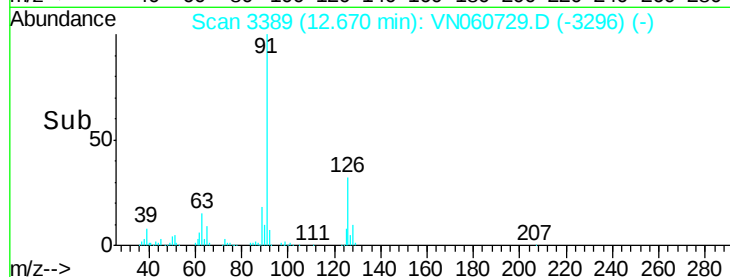
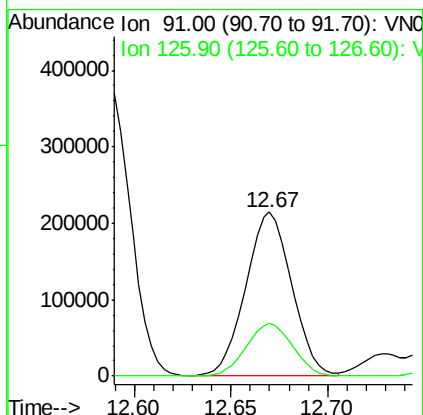
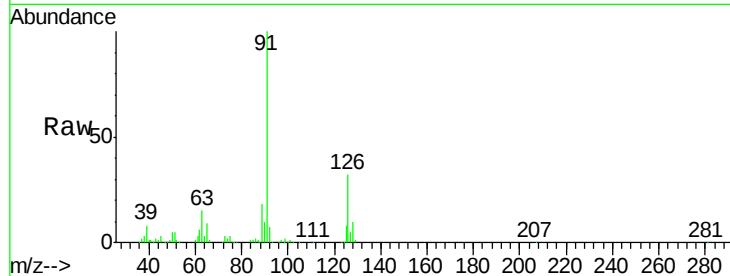




#79
 2-Chlorotoluene
 Concen: 46.714 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

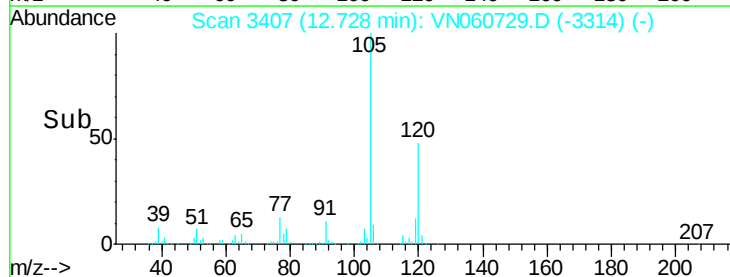
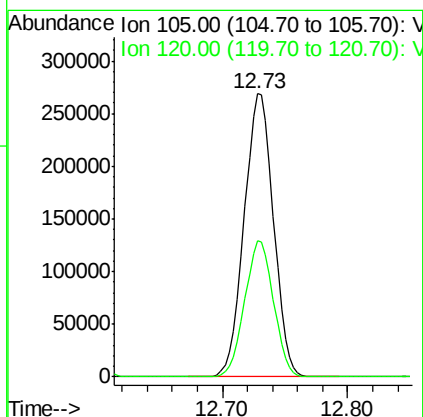
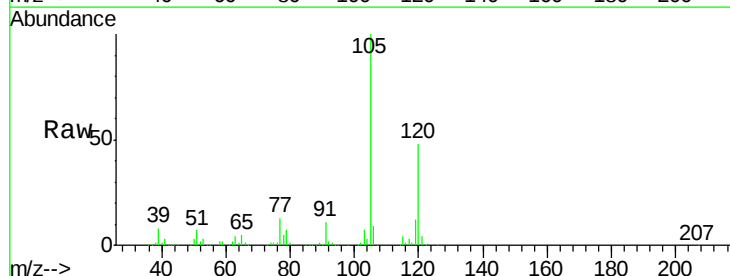
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 354299
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.872 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 105 Resp: 436487
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7

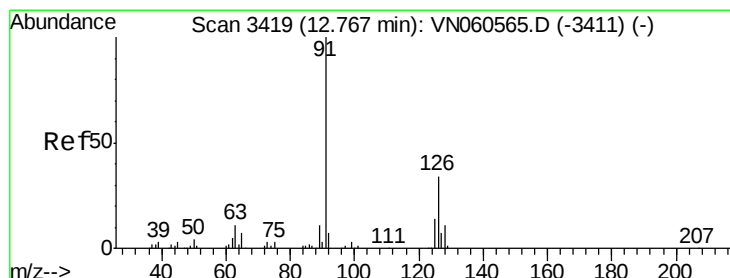
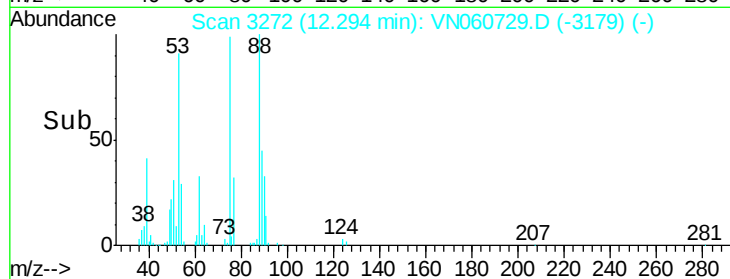
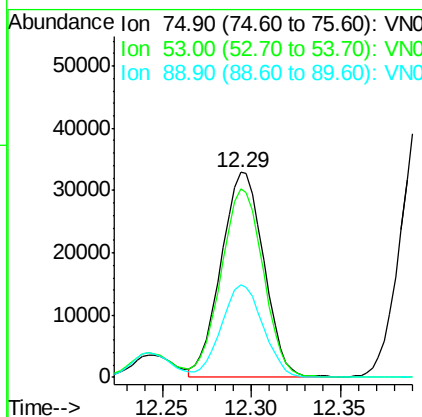
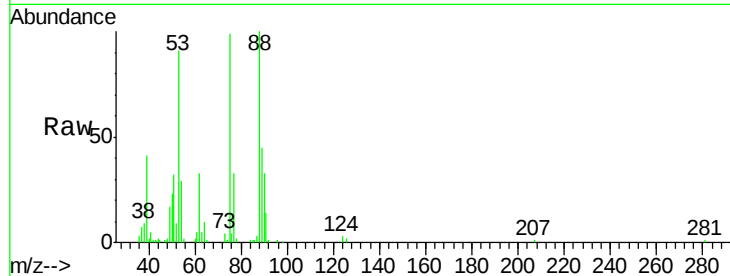




#81
trans-1,4-Dichloro-2-butene
Concen: 45.618 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

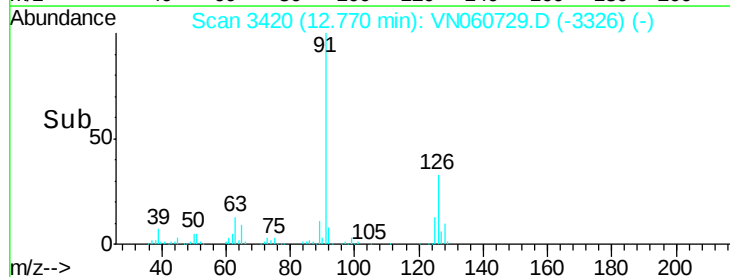
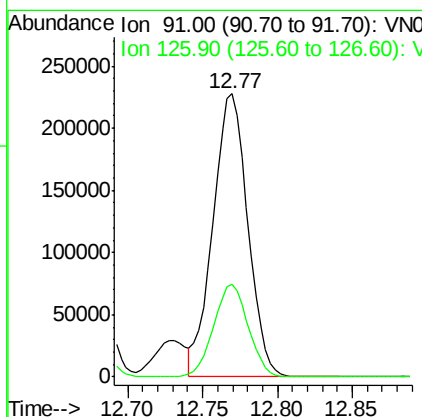
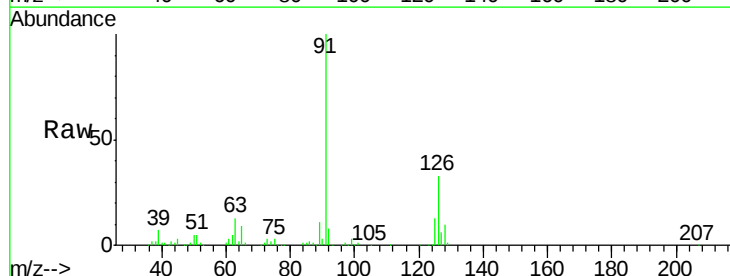
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

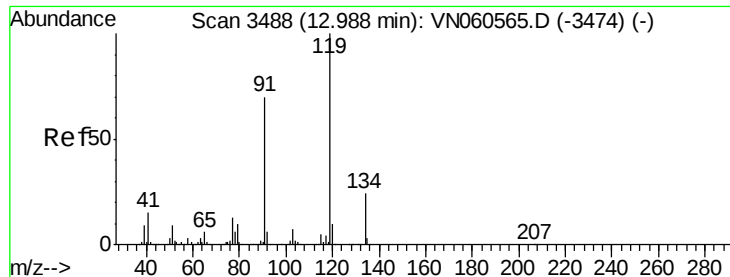
Tgt Ion: 75 Resp: 54872
Ion Ratio Lower Upper
75 100
53 90.7 73.0 109.4
89 44.0 34.8 52.2



#82
4-Chlorotoluene
Concen: 47.760 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 91 Resp: 368926
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.5

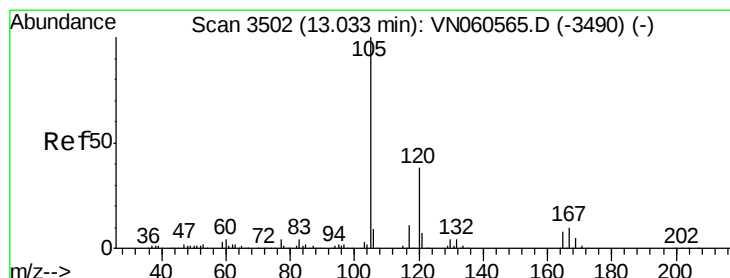
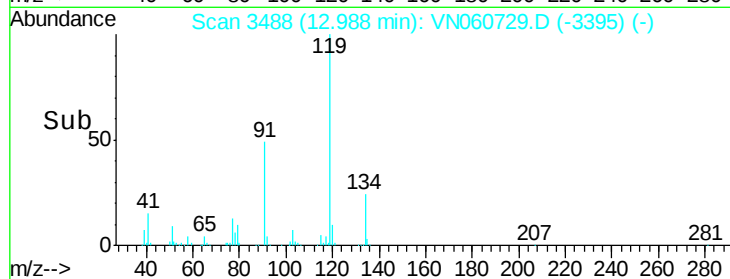
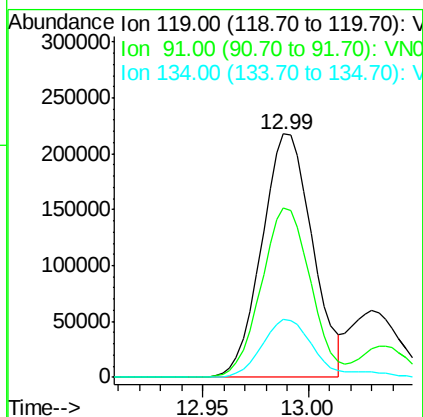
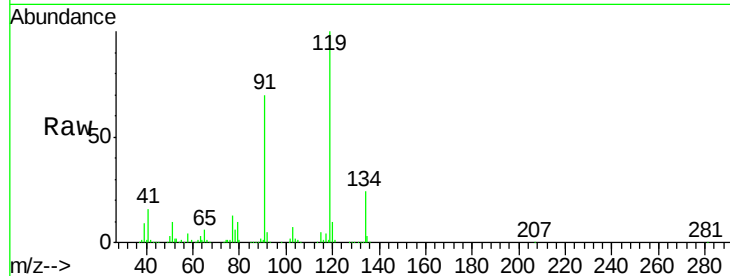




#83
 tert-Butylbenzene
 Concen: 48.179 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

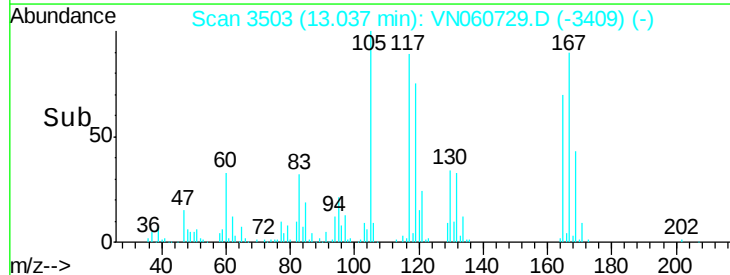
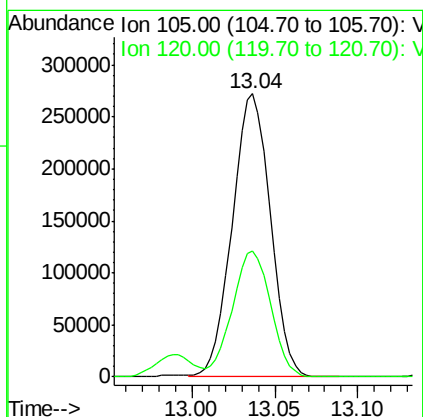
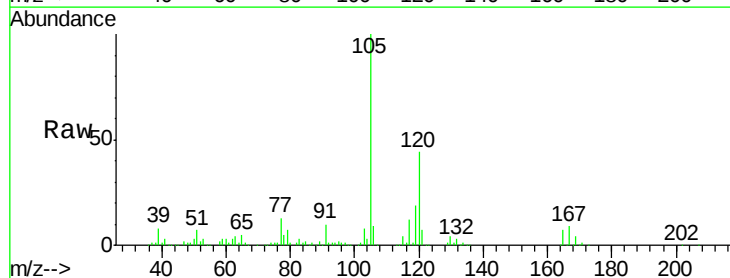
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 364156
 Ion Ratio Lower Upper
 119 100
 91 67.8 34.0 101.8
 134 25.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.168 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion:105 Resp: 434493
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.5

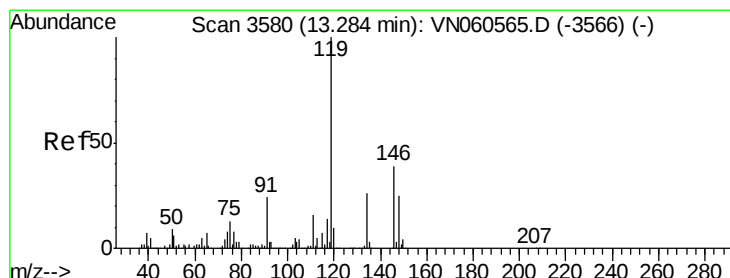
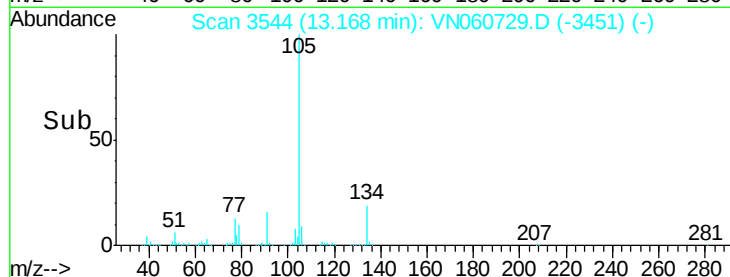
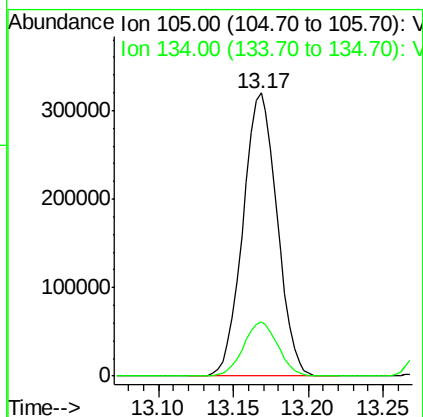
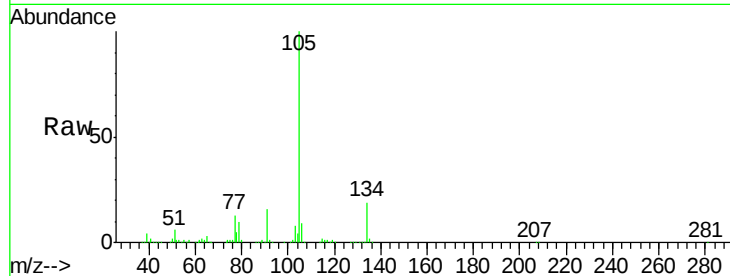




#85
 sec-Butylbenzene
 Concen: 49.902 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

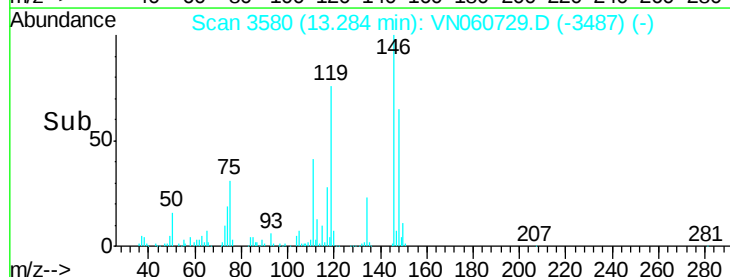
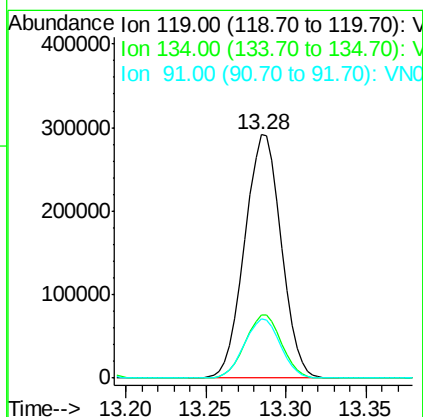
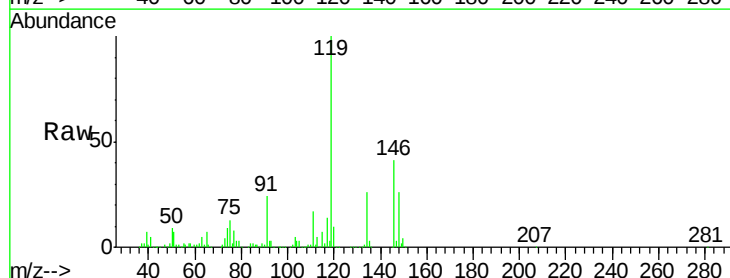
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 507190
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 49.596 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion:119 Resp: 453283
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.3 12.0 36.0

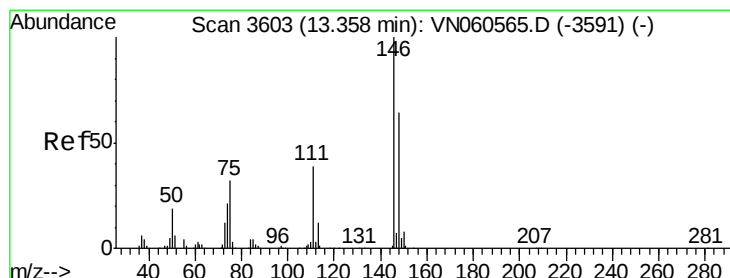
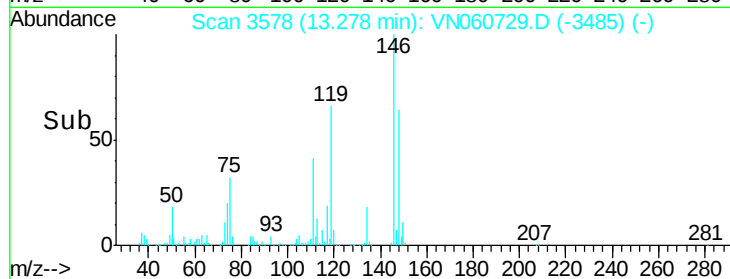
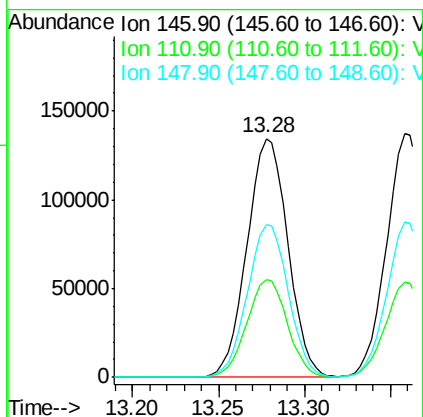
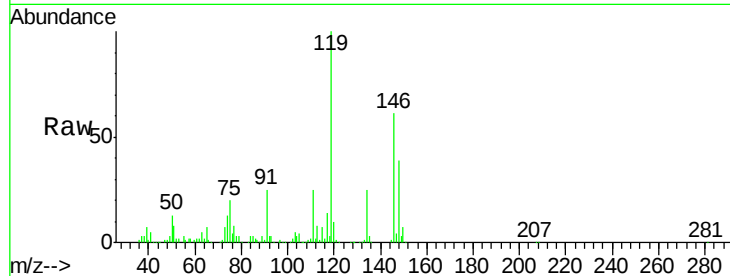




#87
 1,3-Dichlorobenzene
 Concen: 48.710 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

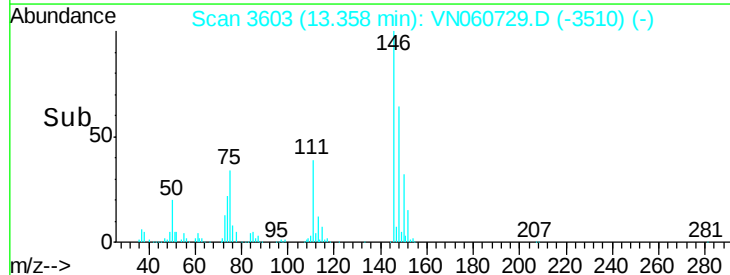
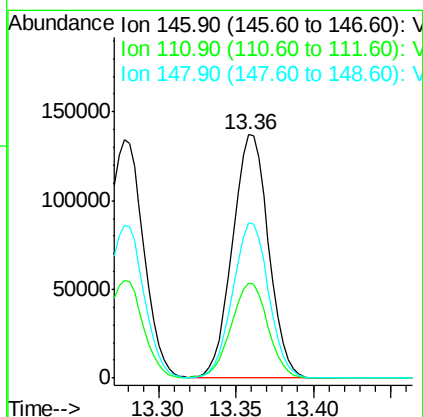
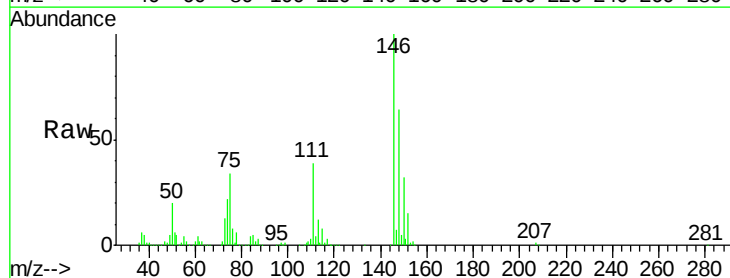
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

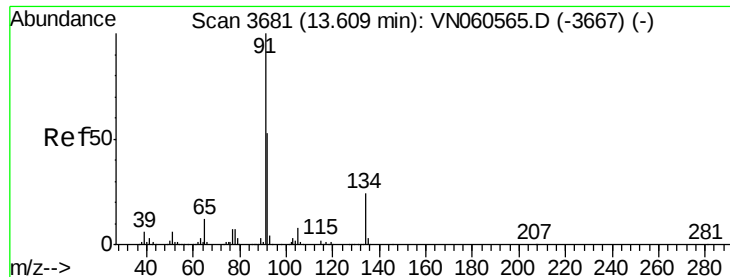
Tgt Ion:146 Resp: 222418
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.8
 148 64.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 48.489 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion:146 Resp: 222449
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.7
 148 63.7 32.1 96.3





#89

n-Butylbenzene

Concen: 52.155 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

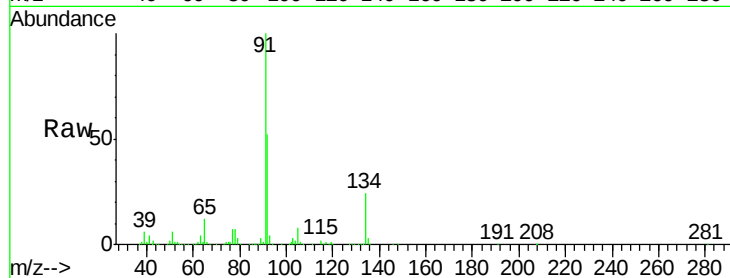
Tgt Ion: 91 Resp: 430362

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

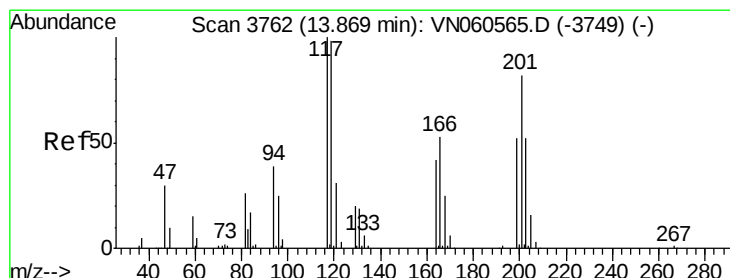
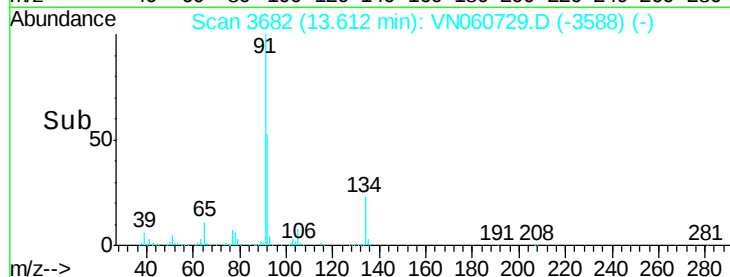
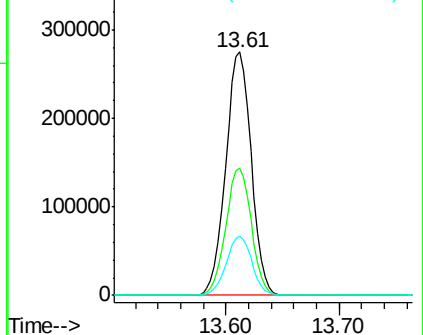
134 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060729.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060729.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060729.D (-3667) (-)



#90

Hexachloroethane

Concen: 50.878 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060729.D

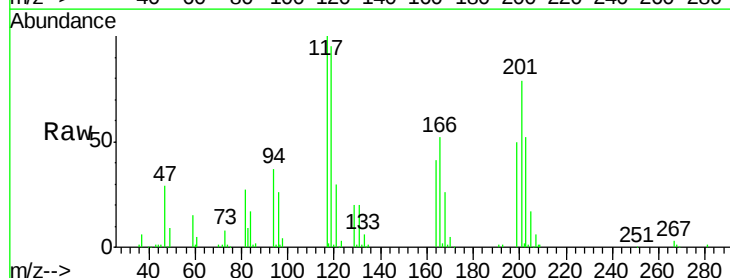
Acq: 26 Mar 2020 21:08

Tgt Ion: 117 Resp: 67592

Ion Ratio Lower Upper

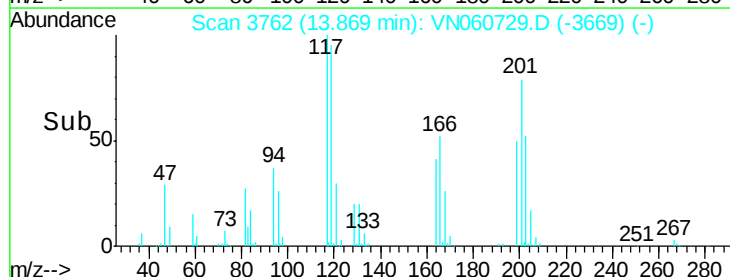
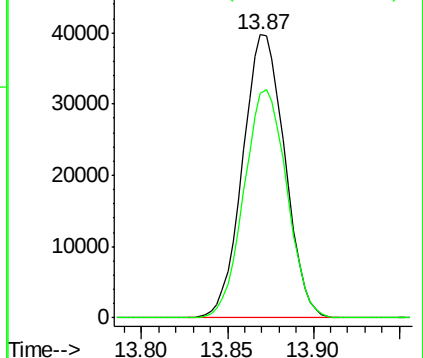
117 100

201 81.8 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060729.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060729.D (-3669) (-)

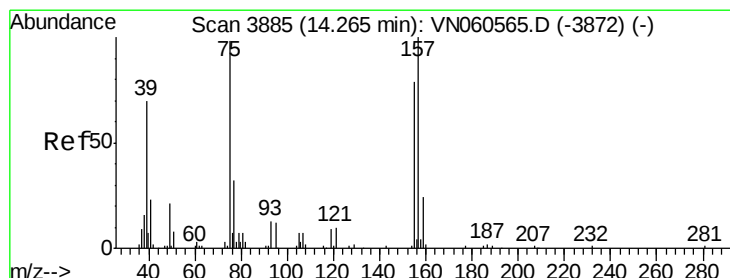
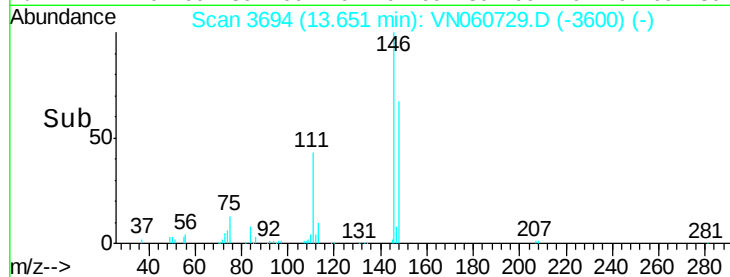
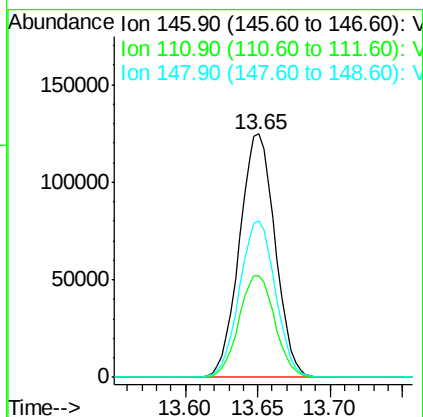
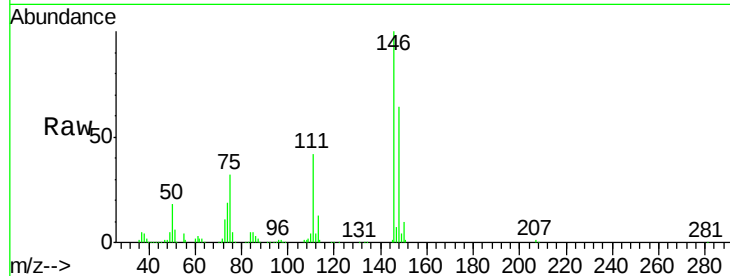




#91
 1,2-Dichlorobenzene
 Concen: 48.873 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

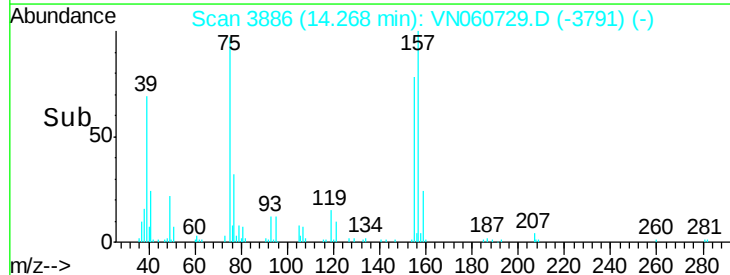
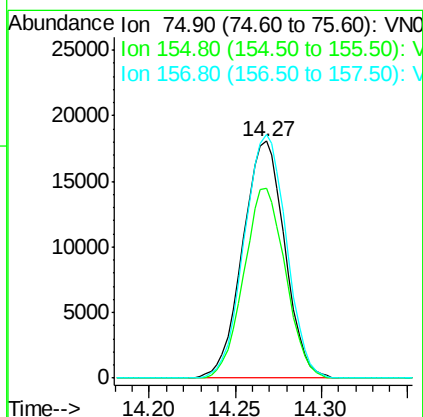
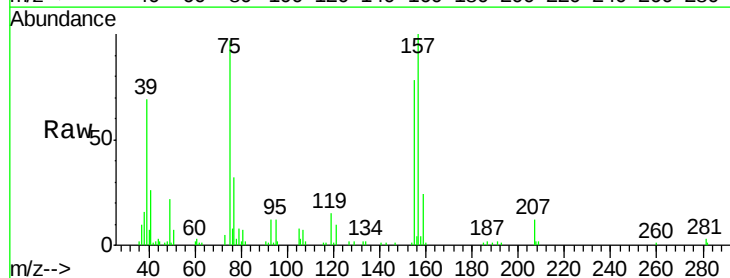
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

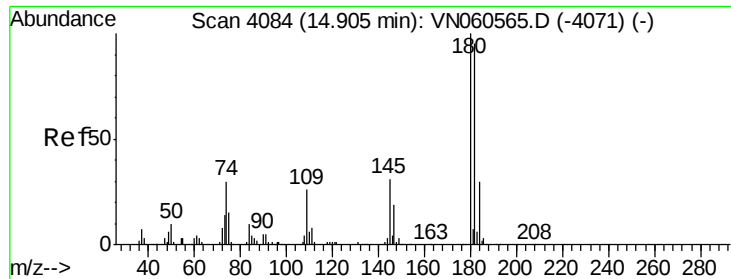
Tgt Ion: 146 Resp: 213390
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.0 63.0
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.089 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 75 Resp: 30703
 Ion Ratio Lower Upper
 75 100
 155 78.9 40.7 122.1
 157 102.7 51.5 154.7

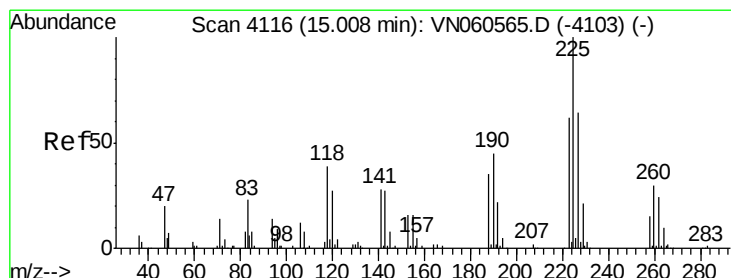
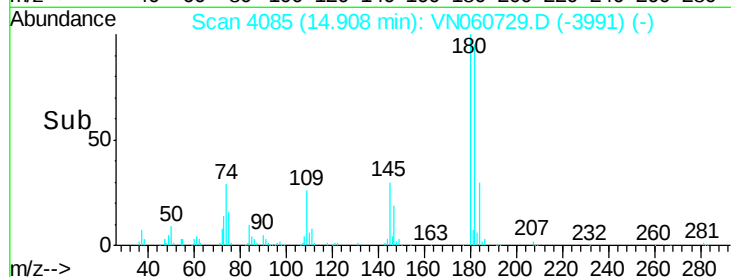
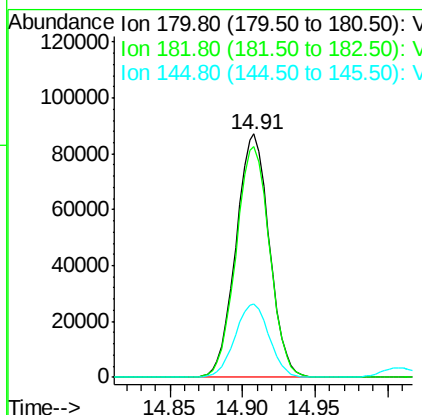
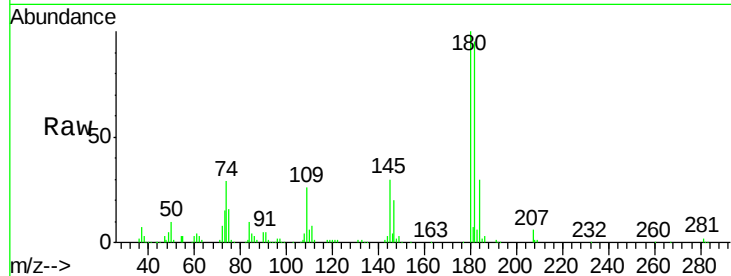




#93
 1,2,4-Trichlorobenzene
 Concen: 51.941 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

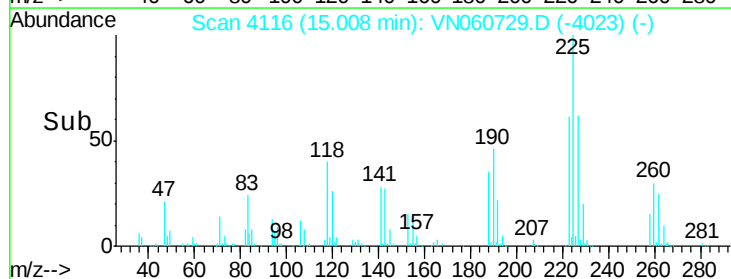
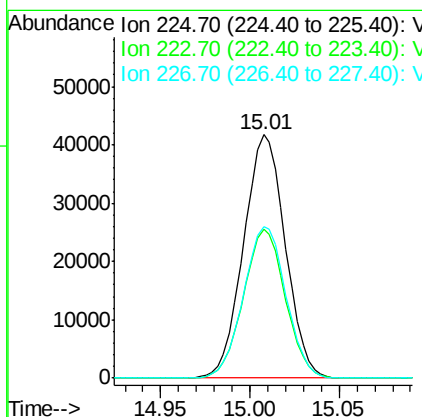
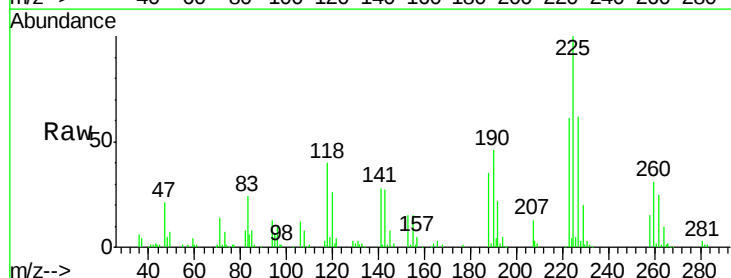
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 139267
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.8
 145 30.8 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 51.749 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion:225 Resp: 68019
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.6 95.0
 227 63.4 32.3 96.8

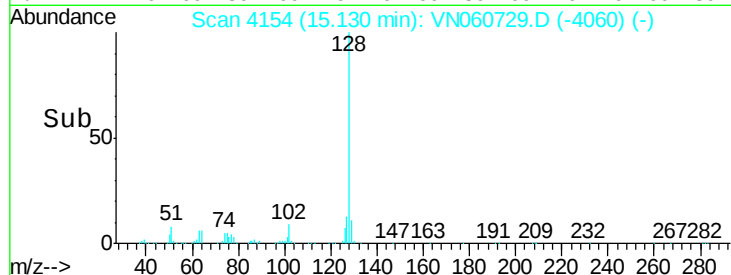
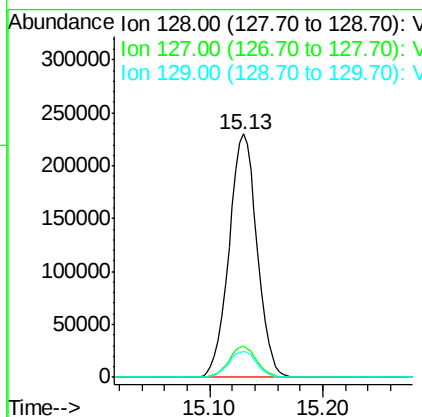
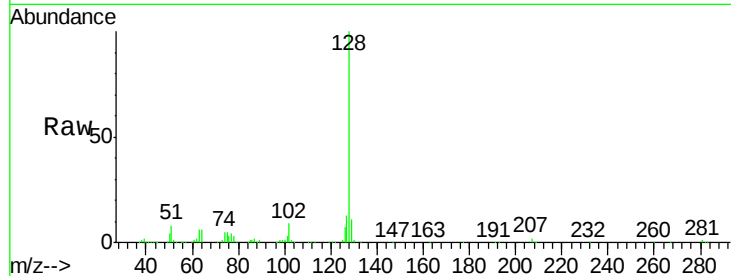




#95
Naphthalene
Concen: 48.975 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 394962
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.723 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion:180 Resp: 131317
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.6
145 32.4 16.3 48.8

